Sample

copy

MARKANDA NATIONAL COLEGE, SHAHABAD MARKANDA

ICT PROJECT FILE – LEVEL - 1

Name: - Abhishek

Class : - B.A. 1ST

Level - 1

Submitted to - Prof. Meenakshi

Submitted By - Abhishek

RESUME

ARYAN
VPO:-Yara, The. Shahabad
Distt.Kurukshetra,(Haryana)India
Mob. 9817393411

EDUCATION

- GRADUCAION (1ST YEAR)
  B.Sc. from Kurukshetra University
- 12th HaryanaBoardin2022-23
- 10thHaryanaBoard in2020-21

CERTIFICATE

- School level Participation in Intellectual Tournament
- School level Singing Competition
- District level science quiz 2nd position (Kurukshetra University Kurukshetra)
- Quiz Competition 2nd position

SKILL

- Basic of computer

HOBBIES:

- Singing.
- Reading Newspapers & Books
- Listing Music

PERSONALPROFILE

DateOf Birth	:	30thJul 2005
Nationality	:	Indian
MaritalStatus	:	Unmarried
Category	:	General
Sex	:	Male
Languages Known	:	English,Hindi& Sanskrit

Icertifythatalltheinformationfurnishedbymeaboveistrueandbestofmyknowledgeand belief.

Place: Shahabad Markanda **(ARYAN)**
Date:

MARKANDA NATIONAL COLLEGE
SHAHABAD MARKANDA
AFFILIATED TO KURUKSHETRA UNIVERSITY, KURUKSHETRA

16TH NATIONAL YOUTH PARLIAMENT

Under the aegis of Ministry of Parliamentary Affairs, Govt. of India

Chief Patron

Shri Yashpal Wadhwa
President,
Managing Committee

Patron

Dr. Ashok Kumar
Principal

Coordinator

Dr. Shalini Sharma
Group Coordinator
(Ministry of Parliamentary Affairs)

Organising Team

Sh. Suresh Kumar
Dr. Devraj Sharma
Dr. Divya
Dr. Ajay Kumar Arora
Ms. Bhavini Tejpal
Mr. Siddhant
Ms. Jaswinder
Ms. Meenakshi
Mr. Kapil Dev

Date: 26/05/2022
Time: 11:00 AM
Venue: Auditorium

Respected Sir/Madam,

MN College under the aegis of Ministry of Parliamentary Affairs is going to organise the 16th National Youth Parliament. It comes under the Scheme of National Youth Parliament Competition in Universities/ Colleges throughout the country sponsored by Govt of India. The aim of the Youth parliament is to strengthen the roots of democracy, inculcate healthy habits of discipline, tolerance of the views of others and to enable the student community to understand the working of our Parliamentary institutions.

Thank you

Dr. Shalini Sharma
Coordinator
(MN College Youth Parliament)
Group Coordinator
(Ministry of Parliament Affairs)

Dr. Ashok Kumar
Principal

Days	Periods								
	1st 8:40 am to 9:20 am	2nd 9:20 am to 10:00 am	3rd 10:00 am to 10:40 am	Break 20 minutes	4th 11:00 am to 11:40 am	5th 11:40 am to 12:20 am	6th 12:20 am to 1:00 am	7th 01:00 am to 01:40 am	8th 1:40 am to 02:20 am
Monday	English	Comp Sc	Maths		Physics	Chemistry	Bio	Urdu	S.Study
Tuesday	"	"	"		"	"	"	"	"
Wednesday	"	"	"		"	"	"	"	"
Thursday	"	"	"		"	"	"	"	"
Friday	"	"	"		"	"	"	"	"
Satureday	"	"	"		"	"	"	"	"

Assignment -1

Use of Formulas Sum, Average, If, Count, Counta, Countif & Sumif

Roll No	Student Name	Hindi	English	Math	Physics	Chemistry	Total	Average	Grade
1	RAM	20	10	14	18	15	77	15.4	A
2	ASHOK	21	12	14	12	18	?	?	?
3	MANOJ	33	15	7	14	17	?	?	?
4	RAJESH	15	14	8	16	20	?	?	?
5	RANJANA	14	17	10	13	18	?	?	?
6	POOJA	16	8	20	17	15	?	?	?
7	MAHESH	18	19	3	10	14	?	?	?
8	ASHUTOSH	19	20	7	14	18	?	?	?
9	ANIL	22	13	8	12	19	?	?	?
10	PREM	26	12	10	11	27	?	?	?

Q.1 Find the Total Number & Average in all Subjects in Each Student .

Q.2 Find Grade Using If Function - If Average Greater >15 then "A" Grade otherwise "B" Grade

Q.3 How Many Student "A" and "B" Grade Use of Countif

Q.4 Student Ashok and Manoj Total Number and Average Use of Sumif

Q.5 Count how many Students Use of Counta

Q.6 How Many Student Hindi & English Subject Number Grater Then > 20 and <15 Use of Countif

Online Transactions

- Physical cash
  - Non-traceable (well, mostly!)
  - Secure (mostly)
  - Low inflation

- Can't be used online directly
- ➢ Electronic credit or debit transactions
  - ◆ Bank sees all transactions
  - ◆ Merchants can track/profile customers

E-Cash

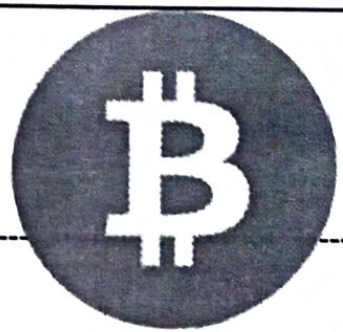
- Secure
  - Single use
  - Reliable
- Low inflation
- Privacy-preserving

E-Cash Crypto Protocols

- Chaum82: blind signatures for e-cash
- Chaum88: retroactive double spender identification
- Brandis95: restricted blind signatures
- Camenisch05: compact offline e-cash

- Various practical issues:
  - Need for trusted central party
  - Computationally expensive
  - Etc.

Bitcoin

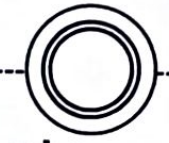


- A distributed, decentralized digital currency system
- Released by Satoshi Nakamoto 2008
- Effectively a bank run by an ad hoc network
  - Digital checks
  - A distributed transaction log

Size of the BitCoin Economy

- Number of BitCoins in circulation 11.8 million (December 2013)
- Total number of BitCoins generated cannot exceed 21 million
- Average price of a Bitcoin: around $300
  - Price has been unstable.
- Total balances held in BTC 1B$ compared with 1,200B$ circulating in USD.
- 30 Transactions per min. (Visa transaction 200,000 per minute.)

BitCoin: Challenges



- Creation of a virtual coin/note
  - How is it created in the first place?
  - How do you prevent inflation? (What prevents anyone from creating lots of coins?)
- Validation
  - Is the coin legit? (proof-of-work)
  - How do you prevent a coin from double-spending?
- Buyer and Seller protection in online transactions
  - Buyer pays, but the seller doesn't deliver
  - Seller delivers, buyer pays, but the buyer makes a claim.
- Trust on third-parties
  - Rely on proof instead of trust
  - Verifiable by everyone
  - No central bank or clearing house

Security in Bitcoin

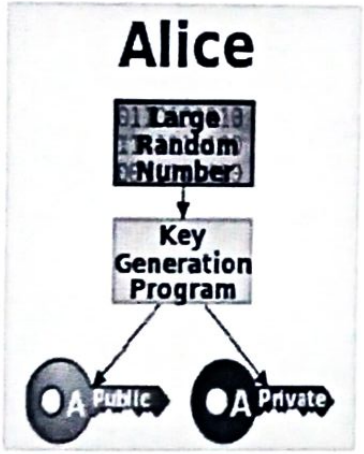
- Authentication
  - Am I paying the right person? Not some other impersonator?
- Integrity
  - Is the coin double-spent?
  - Can an attacker reverse or change transactions?
- Availability
  - Can I make a transaction anytime I want?
- Confidentiality
  - Are my transactions private? Anonymous?

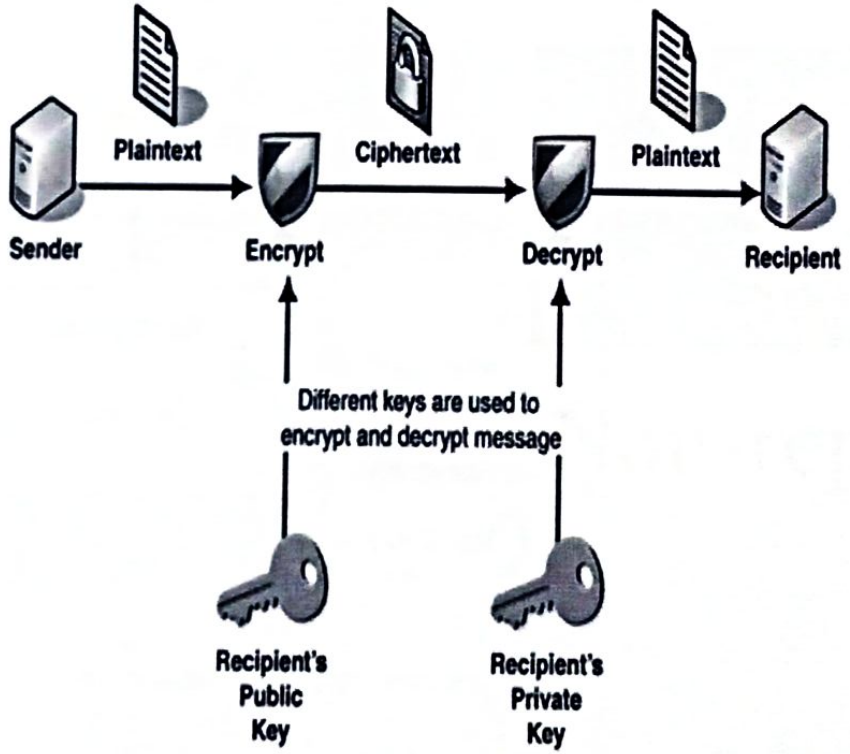
Security in Bitcoin

- Authentication → Public Key Crypto: Digital Signatures
  - Am I paying the right person? Not some other impersonator?
- Integrity → Digital Signatures and Cryptographic Hash
  - Is the coin double-spent?
  - Can an attacker reverse or change transactions?
- Availability→ Broadcast messages to the P2P network
  - Can I make a transaction anytime I want?
- Confidentiality→ Pseudonymity
  - Are my transactions private? Anonymous?

Public Key Crypto: Encryption

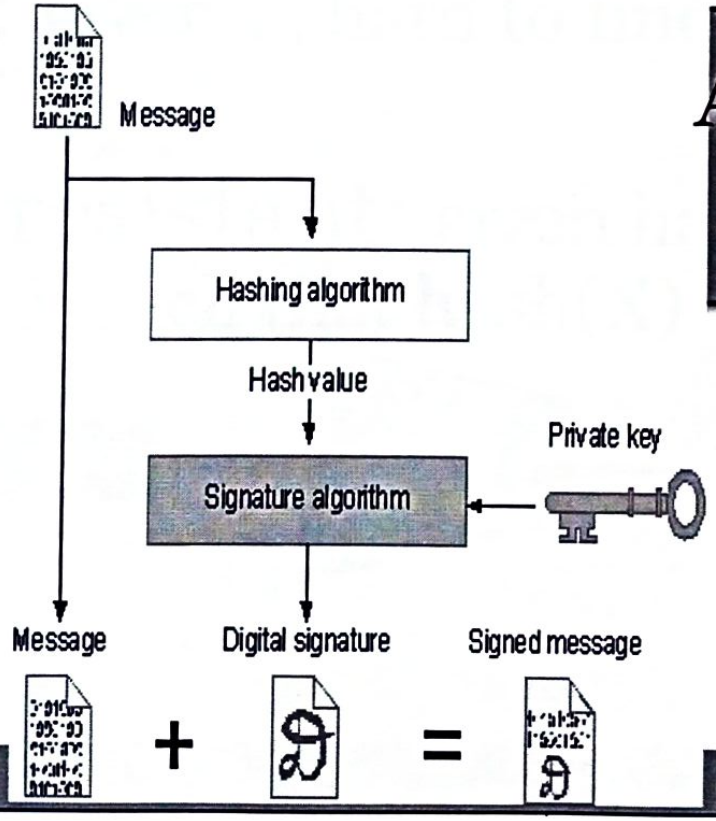
- Key pair: public key and private key





Public Key Crypto: Digital Signature

- First, create a message digest using a cryptographic hash
- Then, encrypt the message digest with your private key



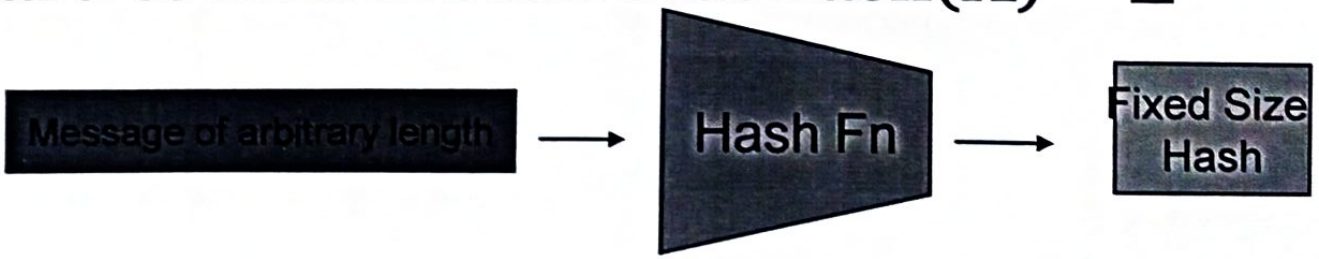
Authentication

Integrity

Non-repudiation

Cryptographic Hash Functions

- **Consistent:** hash(X) always yields same result
- **One-way:** given Y, hard to find X s.t. hash(X) = Y
- **Collision resistant:** given hash(W) = Z, hard to find X such that hash(X) = Z

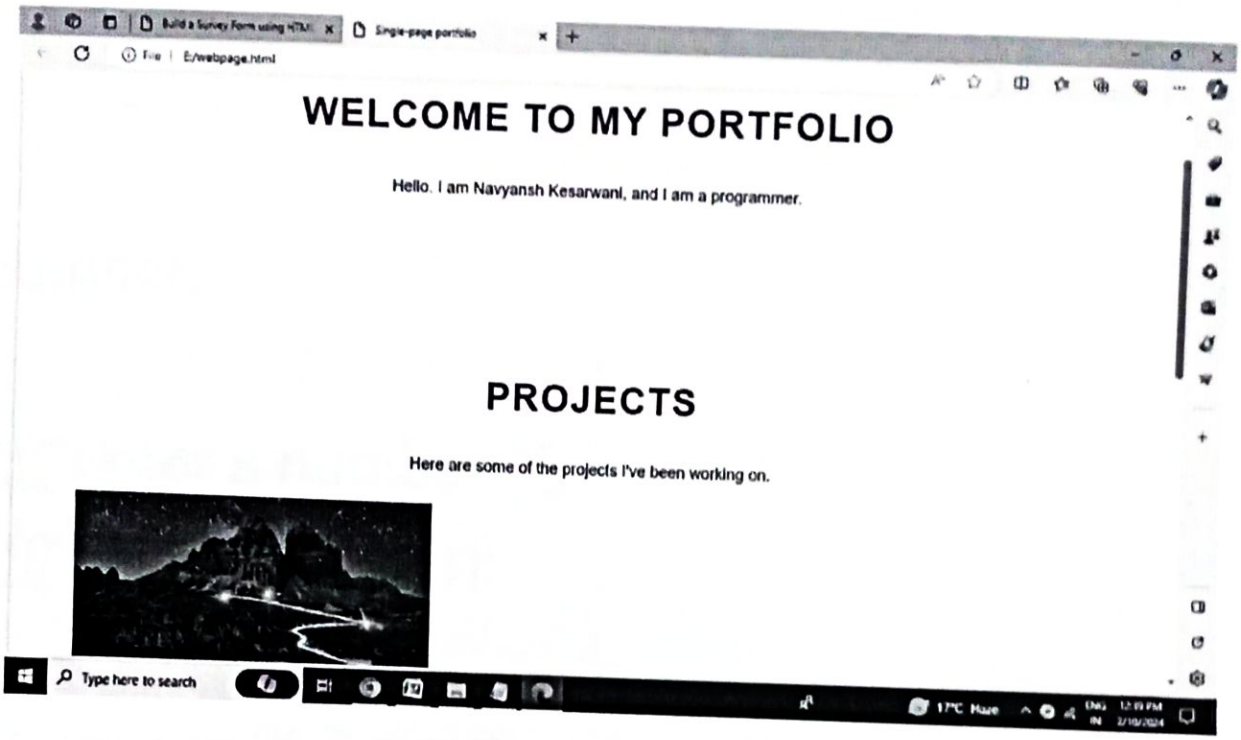


SITE WEBPAGE USING HTML

```
<!DOCTYPE HTML>
<html>

<head>
 <meta charset="UTF-8">
 <title>Single-page portfolio</title>

 <style>
  body {
   background-color: #fff;
   color: #333;
   font-family: 'Open Sans', sans-serif;
   font-size: 16px;
   line-height: 1.5;
  }

  a {
   color: #00b7ff;
   text-decoration: none;
  }

  a:hover {
   color: #333;
  }

  .wrapper {
   width: 90%;
   max-width: 1200px;
   margin: 0 auto;
   padding: 0 20px;
  }

  .section {
   padding: 60px 0;
  }

  .section-heading {
   text-align: center;
   margin-bottom: 30px;
  }
```

```
.section-heading h2 {
 font-size: 42px;
 font-weight: 600;
 text-transform: uppercase;
 letter-spacing: 2px;
}

.section-heading p {
 font-size: 18px;
 font-weight: 400;
}

.projects {
 list-style: none;
 margin: 0;
 padding: 0;
}

.projects li {
 margin-bottom: 30px;
}

.projects li img {
 max-width: 100%;
}

.projects li h3 {
 font-size: 24px;
 font-weight: 600;
 margin-top: 10px;
}

.projects li p {
 font-size: 16px;
 font-weight: 400;
 margin-bottom: 0;
}
</style>
</head>

<body>
```

```
    <div class="wrapper">
     <div class="section section-1">
      <div class="section-heading">
       <h2>Welcome to my Portfolio</h2>
       <p>Hello, I am Navyansh Kesarwani, and I am a programmer.</p>
      </div>
     </div>
     <div class="section section-1">
      <div class="section-heading">
       <h2>Projects</h2>
       <p>Here are some of the projects I've been working on.</p>
      </div>

      <ul class="projects">

       <li>
        <img src="https://source.unsplash.com/random/400x200" alt="">
        <h3>Project 1</h3>
        <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec vel justo quis nunc vehicula
 condimentum. Nulla facilisi. Quisque id nunc diam.</p>
       </li>

       <li>
        <img src="https://source.unsplash.com/random/400x200" alt="">
        <h3>Project 2</h3>
        <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec vel justo quis nunc vehicula
 condimentum. Nulla facilisi. Quisque id nunc diam.</p>
       </li>

       <li>
        <img src="https://source.unsplash.com/random/400x200" alt="">
        <h3>Project 3</h3>
        <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec vel justo quis nunc vehicula
 condimentum. Nulla facilisi. Quisque id nunc diam.</p>
       </li>
      </ul>

     </div>
    </div>
   </body>
  </html>
```


Build a Survey Form using HTML
Single-page portfolio
File | E:/webpage.html
WELCOME TO MY PORTFOLIO
Hello. I am Navyansh Kesarwani, and I am a programmer.
PROJECTS
Here are some of the projects I've been working on.
Type here to search
17°C Haze

```c
#include <stdio.h>

int main()
 {
int number;

printf("Enter a number: ");
scanf("%d", &number);

    if (number % 2 == 0)
{
printf("%d is an even number.\n", number);
    } else
{
printf("%d is an odd number.\n", number);
    }
    return 0;
}
```

```
Enter a number: 5
5 is an odd number.
```

Create any database with 5 tuples and attributes using MS Access or SQL

```
-- create
CREATE TABLE EMPLOYEE (
  Emp_NO INTEGER PRIMARY KEY,
  Emp_Name TEXT NOT NULL,
  Emp_Add TEXT NOT NULL,
  Emp_Phone TEXT NOT NULL,
  Dept_No TEXT NOT NULL,
  Dept_Name TEXT NOT NULL,
  Salary TEXT NOT NULL
);

-- insert
INSERT INTO EMPLOYEE VALUES (0001, 'Ramesh', 'GNoida','9855498465', '3445', 'Sales','25000');
INSERT INTO EMPLOYEE VALUES (0002, 'Suresh', 'GNoida','98565498465', '0072', 'Sales','75000');
INSERT INTO EMPLOYEE VALUES (0003, 'Rajesh', 'GNoida','9855497865', '2324', 'Sales','28000');
INSERT INTO EMPLOYEE VALUES (0004, 'Shyamu', 'BSB','9853698465', '8883', 'Sales','35000');
INSERT INTO EMPLOYEE VALUES (0005, 'Ramu', 'BSB','9855498235', '74568', 'Sales','96000');
INSERT INTO EMPLOYEE VALUES (0006, 'Mahesh', 'GNoida','9851678465', '1238', 'Sales','25000');
INSERT INTO EMPLOYEE VALUES (0007, 'Chaman', 'BSBS','9856723465', '7634', 'D10','215000');
-- fetch
update EMPLOYEE SET Emp_Add='Mathura' where Emp_No=5;
ALTER table EMPLOYEE ADD Job_ID INT;
SELECT * FROM EMPLOYEE ;
```

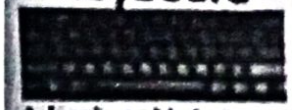
Output

```
+--------+----------+---------+------------+---------+-----------+--------+--------+
| Emp_NO | Emp_Name | Emp_Add | Emp_Phone  | Dept_No | Dept_Name | Salary | Job_ID |
+--------+----------+---------+------------+---------+-----------+--------+--------+
|      1 | Ramesh   | GNoida  | 9855498465 | 3445    | Sales     | 25000  |   NULL |
|      2 | Suresh   | GNoida  | 98565498465| 0072    | Sales     | 75000  |   NULL |
|      3 | Rajesh   | GNoida  | 9855497865 | 2324    | Sales     | 28000  |   NULL |
|      4 | Shyamu   | BSB     | 9853698465 | 8883    | Sales     | 35000  |   NULL |
|      5 | Ramu     | Mathura | 9855498235 | 74568   | Sales     | 96000  |   NULL |
|      6 | Mahesh   | GNoida  | 9851678465 | 1238    | Sales     | 25000  |   NULL |
|      7 | Chaman   | BSBS    | 9856723465 | 7634    | D10       | 215000 |   NULL |
+--------+----------+---------+------------+---------+-----------+--------+------
```

COMPUTER HARDWARE

Input Devices

Keyboard



A keyboard helps user to interact with the computer. It contains alphabets, numbers & special characters.

Mouse

A Mouse is a pointing device i.e. used to select and open any object on computer screen.

Scanner

It is a device that reads the text or picture printed on paper and translates the information in computer format.

Microphone

Microphone is used to record our voice and different sounds in computer. It also helps us while chatting.

TouchScreen

A Touch screen is a computer screen that is sensitive to the touch. We can select any object directly by touching with fingers.

Light Pen

It looks like a pen that can be used on a special pad. Whatever you write on its pad is visible on computer.

C. P. U.

Central Processing Unit

The CPU runs computer programs and processes input data into a readable format understood by humans.

The physical part of a computer that we can touch or feel are called hardware. To work on a computer system, we require both hardware as well as software. Software is that part of a computer which cannot be touched. To make a hardware work, we need to have software installed in it.

Output Devices

Monitor

A Monitor looks like a TV screen. It displays the work that we do on a computer.

Printer

A Printer prints the output you see on the computer screen on a paper. The printed output is called hard copy.

Speaker

Speakers are used to listen to music and sound stored in a computer.

Projector

A projector is used to project video output from a computer on to a wall or screen.