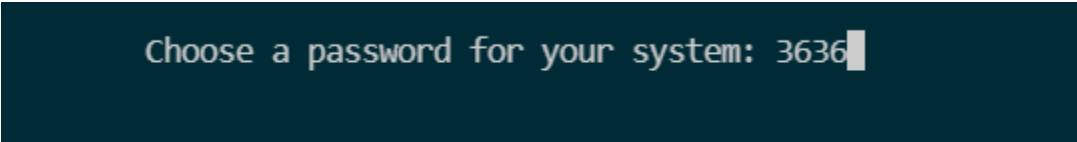# SCREENSHOTS OF THE PROGRAM

1. Create a password

```
Choose a password for your system: 3636
```

2. Welcome screen
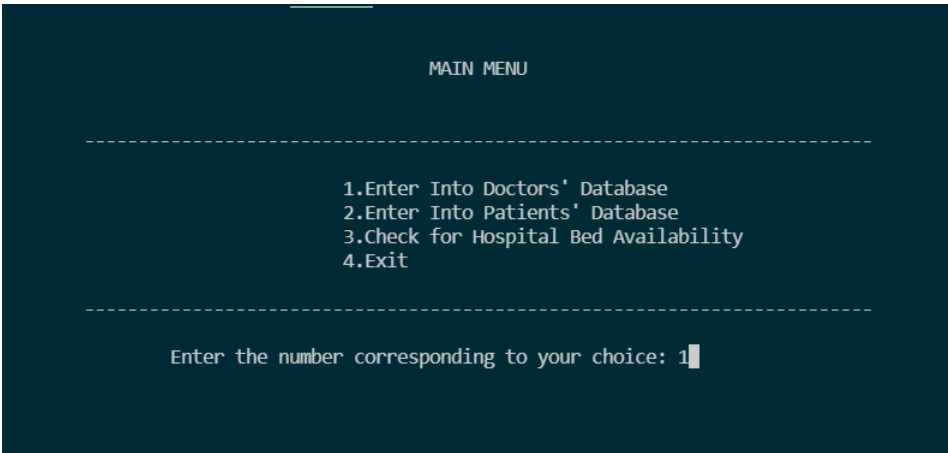
```
WELCOME TO MEDANTA HOSPITAL MANAGEMENT SYSTEM


-------------------------------------------------
                    1.Main Menu
                    2.Exit
-------------------------------------------------

        Enter your choice:1
```

3. The main menu
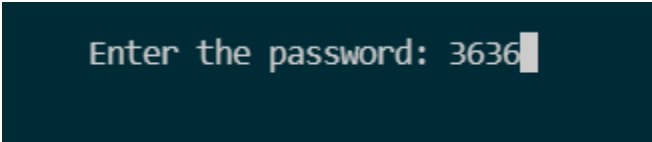
```
                    MAIN MENU

-----------------------------------------------------------------------

            1.Enter Into Doctors' Database
            2.Enter Into Patients' Database
            3.Check for Hospital Bed Availability
            4.Exit

-----------------------------------------------------------------------

    Enter the number corresponding to your choice: 1
```

4. To access any of the databases, password is a must

```
Enter the password: 3636
```

5. Doctors database

```
                    WELCOME TO DOCTOR'S DATABASE

--------------------------------------------------------------------
                1.Add New Doctor's Information
                2.Edit a Doctor's Information
                3.Display a Doctor's Information
                4.Delete a Doctor's Information
                5.Display Entire Doctor Database
                6.Total Number of Doctors
                7.Go back to Main Menu


--------------------------------------------------------------------

      Enter the number corresponding to your choice:  1
```

6. Add new doctors info

```
        Fill up the following details
--------------------------------------------------------------------

            ID: 345

            First Name: ADARSH

            Last Name: PANDEY

            Age: 35

            Choose Qualification among the following:
                    1.MBBS
                    2.MD
            1

            Choose Specialization among the following:
                    1.GENERAL_MEDICINE
                    2.NEUROLOGY
                    3.ONCOLOGY
                    4.HAEMATOLOGY
                    5.GASTROENTEROLOGY
                    6.GYNAECOLOGY

            6

            Experience (in Years): 7

            City: GWALIOR
```
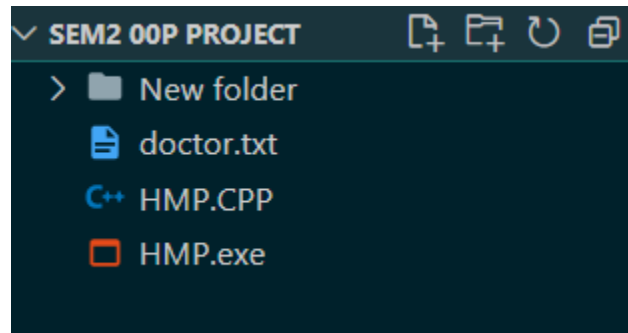
The same process is to be repeated for further addition of doctors info

7. The profile is saved

New Doctor profile created successfully!

Enter 1 to return to Doctor Database
Enter 2 to Exit.

8. Simultaneously DOCTOR.TXT file is also created

∨ SEM2 00P PROJECT

> New folder
  doctor.txt
C++ HMP.CPP
  HMP.exe

9. EDITING A DOCTORS INFO

Enter the ID of the Doctor whose profile you want to Edit: 567

1.ID:567
2.First Name:SHIKHAR
3.Last Name:GUPTA
4.Age:38
5.Qualification:MBBS
6.Specialization:GENERAL_MEDICINE
7.Experience:9
8.City:LUCKNOW

Enter number corresponding to the Field you want to Edit: 8

City: HYDERABAD

City has now been changed from LUCKNOW to HYDERABAD

10. WE GET A CONFIRMATION OF THE UPDATED DOCTORS PROFILE

```
---------------Updated Profile-----------------

        1.ID:567
        2.First Name:SHIKHAR
        3.Last Name:GUPTA
        4.Age:38
        5.Qualification:MBBS
        6.Specialization:GENERAL_MEDICINE
        7.Experience:9
        8.City:HYDERABAD

-------------------------------------------------


        Enter 1 to return to Doctor Database

        Enter 2 to Exit.
```

11. DISPLAY A PARTICULAR DOCTOR'S INFO

```
 Enter the ID of the Doctor whose profile you want to Display: 8910


1.ID:8910
2.First Name:SAMSKRUTHI
3.Last Name:KATTA
4.Age:45
5.Qualification:MBBS
6.Specialization:HAEMATOLOGY
7.Experience:11
8.City:BANGLORE

------------------------------------------------


Enter 1 to return to Doctor Database

Enter 2 to Exit.
```

12.To DELETE a particular doctor's profile

```
Enter the ID of the Doctor whose profile you want to Delete : 999


1.ID:999
2.First Name:RAMU
3.Last Name:SURESH
4.Age:70
5.Qualification:MD
6.Specialization:GASTROENTEROLOGY
7.Experience:30
8.City:MUMBAI

Are you sure you want to delete this profile?
1.YES
2.NO

1
```

13.To display complete doctor profile

```
--------------------------------------------------

          Enter 1 to return to Doctor Database

          Enter 2 to Exit.
          DOCTOR DATABASE

          Doctor Profile:1

1.ID:123
2.First Name:AADITYA
3.Last Name:SINGH
4.Age:32
5.Qualification:MD
6.Specialization:NEUROLOGY
7.Experience:5
8.City:MYSORE

          Doctor Profile:2

1.ID:345
2.First Name:ADARSH
3.Last Name:PANDEY
4.Age:35
5.Qualification:MBBS
6.Specialization:GYNAECOLOGY
7.Experience:7
8.City:GWALIOR

          Doctor Profile:3

1.ID:678
2.First Name:KIRTI
3.Last Name:KUMAR
4.Age:40
5.Qualification:MD
6.Specialization:ONCOLOGY
7.Experience:10
8.City:JAIPUR
```

```
          Doctor Profile:4

1.ID:8910
2.First Name:SAMSKRUTHI
3.Last Name:KATTA
4.Age:45
5.Qualification:MBBS
6.Specialization:HAEMATOLOGY
7.Experience:11
8.City:BANGLORE

          Doctor Profile:5

1.ID:567
2.First Name:SHIKHAR
3.Last Name:GUPTA
4.Age:38
5.Qualification:MBBS
6.Specialization:GENERAL_MEDICINE
7.Experience:9
8.City:HYDERABAD


------------------------------------------------


Enter 1 to return to Doctor Database

Enter 2 to Exit.
```

14. To know the TOTAL NUMBER OF DOCTORS working in the hospital

```
The Total number of doctors in the hospital=5

--------------------------------------------------


        Enter 1 to return to Doctor Database

        Enter 2 to Exit.

        ▌
```

//END OF DOCTORS ---

//START OF PATIENTS DATABSE---

.

15. THE PATIENTS DATABASE

```
            WELCOME TO PATIENT'S DATABASE

-------------------------------------------------------------------

        1.Add New Patient's Information
        2.Edit a Patient's Information
        3.Display a Patient's Information
        4.Delete a Patient's Information
        5.Display Entire Patient Database
        6.Total Number of Patients
        7.Check for doctor availability
        8.Go back to Main Menu

-------------------------------------------------------------------

 Enter the number corresponding to your choice: ▌
```

16.ADDING DETAILS OF NEW PATIENT ADMITTED

```
Fill up the following details
--------------------------------------------------

        ID: 1

        First Name: SALMAN

        Last Name: KHAN

        Age: 50

        Phone No: 7386400174

        Occupation: ACTOR

        City: MUMBAI

        Disease/Symptoms: COLD_AND_COUGH

        Admission date  (DD/MM/YYYY): 02012021

        Release date  (DD/MM/YYYY): 10012021

        Total Bill generated: 78000

        Kind of Specialization required:
                1.GENERAL_MEDICINE
                2.NEUROLOGY
                3.ONCOLOGY
                4.HAEMATOLOGY
                5.GASTROENTEROLOGY
                6.GYNAECOLOGY

        1
```

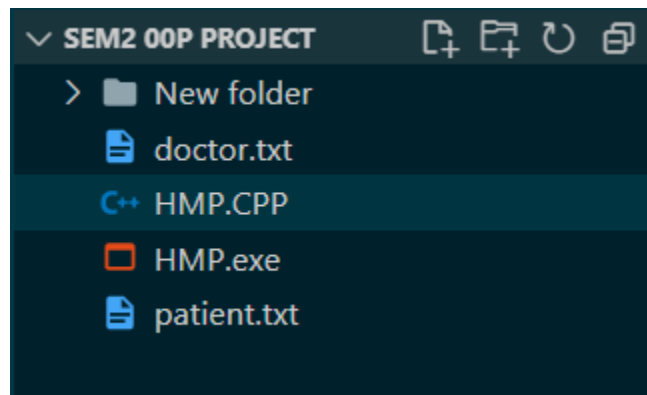## 17. WE GET A CONFIRMATION THAT THE PROFILE HAS BEEN CREATED

(THE DETAILS OF UPTO 1500 PATIENTS CAN BE ADDED IN A SIMILAR WAY)

```
New Patient profile created successfully!


--------------------------------------------------

Enter 1 to return to Patient Database
Enter 2 to Exit.
```

18.SIMULTANEOUSLY PATIENT.TXT FILE WILL BE CREATED

19. TO EDIT A PARTICULAR PATIENT'S DETAIL

```
Enter the ID of the Patient whose profile you want to Edit: 2


1.ID: 2
2.First Name: AMU
3.Last Name: SHAH
4.Age: 23
5.Phone No.:9.87654e+09
6.Occupation: STUDENT
7.City: BANGLORE
8.Disease/Symptoms: ROADSIDE_BIKE_ACCIDENT_INJURIES_AND_MULTIPLE_FRACTURE
9.Admission date(DD/MM/YYYY): 02-01-2021
10.Release date(DD/MM/YYYY): 30-01-2021
11.Total Bill generated: 1.05e+06
12.Kind of Specialization required: 3

Enter number corresponding to the Field you want to Edit: 5

Phone No.:7892908673
```

20. CONFIRMATION THAT THE PROFILE HAS BEEN UPDATED

```
--------------Updated Profile-----------------


        1.ID: 2
        2.First Name: AMU
        3.Last Name: SHAH
        4.Age: 23
        5.Phone No.: 7.89291e+09
        6.Occupation: STUDENT
        7.City: BANGLORE
        8.Disease/Symptoms: ROADSIDE_BIKE_ACCIDENT_INJURIES_AND_MULTIPLE_FRACTURE
        9.Admission date(DD/MM/YYYY): 02-01-2021
        10.Release date(DD/MM/YYYY): 30-01-2021
        11.Total Bill generated: 1.05e+06
        12.Kind of Specialization required: 3



        ----------------------------------------------


        Enter 1 to return to Patient Database

        Enter 2 to Exit.
```

21. To display a particular patient's info

```
Enter the ID of the Patient whose profile you want to Display : 27


1.ID: 27
2.First Name: thomas
3.Last Name: cook
4.Age: 67
5.Phone No.: 3.45988e+09
6.Occupation: govt_employee
7.City: mumbai
8.Disease/Symptoms: fever
9.Admission date(DD/MM/YYYY): 26-06-2021
10.Release date(DD/MM/YYYY): 26-06-2021
11.Total Bill generated: 1000
12.Kind of Specialization required: GENERAL_MEDICINE


-----------------------------------------------


Enter 1 to return to Patient Database

Enter 2 to Exit.

▌
```

22.   To delete particular patient information

```
Enter the ID of the Patient whose profile you want to Delete : 7


1.ID:7
2.First Name:7
3.Last Name:77
4.Age7
5.Phone No.:7
6.Occupation:7
7.City:7
8.Disease/Symptoms:7
9.Admission date(DD/MM/YYYY):7
10.Release date(DD/MM/YYYY):7
11.Total Bill generated:7
12.Kind of Specialization required:GENERAL_MEDICINE

Are you sure you want to delete this profile?
1.YES
2.NO

1▌
```

23.   TO DISPLAY THE DETAILS OF ALL THE PATIENTS

```
        PATIENT DATABASE



        Patient Profile:1


1.ID:1
2.First Name:SALMAN
3.Last Name:KHAN
4.Age50
5.Phone No.:7.3864e+09
6.Occupation:ACTOR
7.City:MUMBAI
8.Disease/Symptoms:COLD_AND_COUGH
9.Admission date(DD/MM/YYYY):02012021
10.Release date(DD/MM/YYYY):10012021
11.Total Bill generated:78000
12.Kind of Specialization required:GENERAL_MEDICINE



        Patient Profile:2


1.ID:2
2.First Name:AMU
3.Last Name:SHAH
4.Age23
5.Phone No.:7.89291e+09
6.Occupation:STUDENT
7.City:BANGLORE
8.Disease/Symptoms:ROADSIDE_BIKE_ACCIDENT_INJURIES_AND_MULTIPLE_FRACTURE
9.Admission date(DD/MM/YYYY):02-01-2021
10.Release date(DD/MM/YYYY):30-01-2021
11.Total Bill generated:1.05e+06
12.Kind of Specialization required:3
```

```
        Patient Profile:7

1.ID:8
2.First Name:8
3.Last Name:8
4.Age8
5.Phone No.:8
6.Occupation:88
7.City:8
8.Disease/Symptoms:8
9.Admission date(DD/MM/YYYY):8
10.Release date(DD/MM/YYYY):8
11.Total Bill generated:8
12.Kind of Specialization required:9



        Patient Profile:8

1.ID:27
2.First Name:thomas
3.Last Name:cook
4.Age67
5.Phone No.:3.45988e+09
6.Occupation:govt_employee
7.City:mumbai
8.Disease/Symptoms:fever
9.Admission date(DD/MM/YYYY):26-06-2021
10.Release date(DD/MM/YYYY):26-06-2021
11.Total Bill generated:1000
12.Kind of Specialization required:GENERAL_MEDICINE

-------------------------------------------------


Enter 1 to return to Patient Database

Enter 2 to Exit.
```

(THERE ARE A TOTAL OF 8 PATIENT PROFILES AS OF NOW)

24.   TOTAL NO. OF PATIENTS IN THE HOSPITAL

```
The Total number of Patients in the hospital=8


--------------------------------------------------


        Enter 1 to return to Patient Database

        Enter 2 to Exit.

        ▌
```

25.   TO CHECK THE DOCTOR AVAILABILITY W.R.T
SPECILIZATION

```
Enter the kind of specialization you are looking for:

              1.GENERAL_MEDICINE
              2.NEUROLOGY
              3.ONCOLOGY
              4.HAEMATOLOGY
              5.GASTROENTEROLOGY
              6.GYNAECOLOGY

      2

The doctors available with  NEUROLOGY specialization are:


      1.ID:123
      2.First Name:AADITYA
      3.Last Name:SINGH
      4.Age:32
      5.Qualification:MD
      6.Specialization:NEUROLOGY
      7.Experience:5
      8.City:MYSORE


--------------------------------------------------


      Enter 1 to return to Patient Database
      Enter 2 to Exit.

      ▌
```

**(THE PROGRAM DISPLAYS THE DOCTORS INFO WHO IS SPECIALIZED
IN THAT PARTICULAR FIELD)**

26.   THE BED DATABASE

```
              WELCOME TO BED DATABASE

---------------------------------------------------------------

                  1.Check Bed Status
                  2.Go back to Main Menu

---------------------------------------------------------------

  Enter the number corresponding to your choice: ▮
```

27.   CHECKING THE STATUS OF BED AVAILABILITY

```
        Total Number of Beds in the hospital:1500


        The number of Occupied Beds=8

        The number of Empty Beds=1492
        ---------------------------------------------

        Enter 1 to return to Bed Database
        Enter 2 to Exit.
        ▮
```

28.   NOW BY INSERTING " 2 " WE CAN EXIT FROM THE SYSTEM INTERFACE