

# INSTRUCTIONS TO RUN THE PROGRAM

To run this C++ program that is based on healthcare management with different functionalities of a hospital, follow these instructions:

1. Download the following files into the same folder where the code is located:

- app.txt
- patient\_details.txt
- patient\_id.txt
- rooms.txt
- prescription.txt

2. Make sure the file names remain the same.

3. Compile and run the C++ program.

4. Once the program starts, you will be presented with a main menu. Here's a breakdown of the options and their respective functionalities:

1. Option 1: Emergency Case

- Enter the details of the patient, such as name, gender, blood group, illness type, address, etc.
- The doctor will be appointed automatically.
- A patient ID will be generated.

2. Option 2: Normal Consultation

- Select the department for consultation.
- Fill in the patient details (as mentioned above) and choose a doctor.
- If the chosen doctor is not available, you will be prompted to select another doctor or come back tomorrow.
- If you choose to select another doctor (option 1), repeat the process.
- If you choose to come back tomorrow (option 2), you will be informed that your chosen doctor is not available for the day.
- If the doctor is available, a patient ID, appointment number, and bill will be generated.

3. Option 3: Hospitalization

- Enter the patient ID and name.
- Specify the type of room needed.
- The bill will be printed accordingly.

#### 4. Option 4: Discharge Patient

- Enter the patient ID of the person to be discharged.
- The patient will be discharged from the system.

#### 5. Option 5: Medical Tests

- Enter the patient ID and name.
- Select the tests from the provided menu by entering the corresponding numbers.
- Once finished, enter 11 to indicate the completion of test selection.
- The bill will be generated based on the selected tests.

#### 6. Option 6: End of the Day

- This option signifies the end of the day.
- The appointment numbers will be reset to 0 for the next day.

Follow the prompts and enter the required information or select the appropriate options to navigate through the program.

Note: Make sure to provide the necessary input accurately as requested by the program to ensure proper execution and results.