**Output:**

**admin@chaitanya:~/Desktop/dsa$ g++ E20.cpp**

**admin@chaitanya:~/Desktop/dsa$ ./a.out**

**----- PRIORITY QUEUE -----**

**1. Insert data**

**2. Display data**

**3. Delete data**

**4. Exit**

**Enter your choice: 1**

**Enter patient name: chaitanya**

**Enter priority of patient(1 - Serious, 2 - Non-serious, 3 - General checkup): 1**

**----- PRIORITY QUEUE -----**

**1. Insert data**

**2. Display data**

**3. Delete data**

**4. Exit**

**Enter your choice: 2**

**Patient's Name - chaitanya Priority - 'Serious'**

**----- PRIORITY QUEUE -----**

**1. Insert data**

**2. Display data**

**3. Delete data**

**4. Exit**

**Enter your choice: 4**

**\*\*\*\*\* Exited \*\*\*\*\***

**admin@chaitanya:~/Desktop/dsa$**