**Name:**

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**Roll No:**

**BSEM-F19-060**

**Section:**

**BSSE-2B**

**Topic:**

**Patient Tracking System**

**Summary:**

Program is used to track everything about patient, it tracks where the patient was,   
where it went, where it will be going. It is all   
done with patient’s id, patient is assigned wards   
accordingly, or wards can also be assigned by  
staff in admin use. It shows the time of patient’s  
entry, or if he/she was at reception or if he/she   
was in any ward. It saves the time when they enter anywhere.

**Components Used:**

* Structures
* Functions
* System Commands (for color, pause and clear screen)
* Loops
* GOTO Statement
* If, else if Condition
* Switch
* File Handling
* In Future, it’ll include all the concepts of OOP

**Program Requirement:**

* Make Selection
* Requires User to Add info of Patient:
  + - Patient’s Id
    - Name
    - Address
    - Contact No.
    - Age
    - Gender
    - Blood Group
    - If Patient had Any other major disease

**Tasks Performing:**

* **Public Use:** 
  + Info about patient   
    (with/without assigned doctor)
* **Admin Use:**
  + Registration of Patient (by user)
  + Info About Patients (All or Specific Patient)
  + Staff Work:
    - Checking for Available Doctors from File
    - Assigning new ward
    - Assigning a Doctor to a Specific Patient
    - Adding More Doctors in File
  + Terminating Program.