Important Classes:

       1. BTech(RollNumber r , string hostel , Faculty facad, float cgpa)
       Member functions:

              string getHostel() ;
              Faculty getFacad() ;
              void changeHostel(string hostel) ;
              Faculty getBTPGuide() ;
              setBTPGuide(Faculty);

       2. DD(RollNumber r , string hostel , Faculty facad , float cgpa)
       Member functions:

              string getHostel() ;
              Faculty getFacad() ;
              void changeHostel(string hostel) ;
              Faculty getDDPGuide() ;
              Faculty getTASupervisor();
              setDDPGuide(Faculty) ;
              setTASupervisor(Faculty) ;

       3. IITM(vector<Student>& students , vector<Faculty>& faculties)
       Member functions:

              bool checkConstraints(Faculty facad) ;
              void printStudentsByRoll();
              void printStudentsByGuide();
              void printStudentsByHostel();
              void printStudentsUnassigned();
              void printAdvisees(Faculty facad , string hostel);
              void printPercentage()
              Faculty maxProjectees();

Helper Classes:
1. RollNumber
2. Faculty(string name , bool isPermanent)
Member functions:
       int numBTechProjectees() ;
       int numDDProjectees() ;
       int numTAs() ;
3. Student(RollNumber r , string hostel , Faculty facad , float cgpa , bool isBTech)