

```
public class Student {  
  
    String name, gender;  
    int id, age;  
  
    public Student(String name, String gender, int id,  
int age) {  
        super();  
        this.name = name;  
        this.gender = gender;  
        this.id = id;  
        this.age = age;  
    }  
  
    public String getName() {  
        return name;  
    }  
    public String getGender() {  
        return gender;  
    }  
    public int getId() {  
        return id;  
    }  
    public int getAge() {  
        return age;  
    }  
}
```

```
public class Section {

    Student arrStu[];
    int nbStu;

    public Section (int size){
        arrStu = new Student[size];
        nbStu = 0;
    }

    public void addStudent(Student st){
        if(nbStu < arrStu.length){
            arrStu[nbStu] = st;
            nbStu++;
            System.out.print("Student is added");
        }
        else
            System.out.print("Section is full");
    }

    public Student searchMax(){
        if(nbStu == 0) return null;
        Student temp = arrStu[0];

        for(int i = 1; i < nbStu; i++){
            if(temp.getAge() < arrStu[i].getAge())
                temp = arrStu[i];
        }

        return temp;
    }
}
```

```

    public Student searchMax(String gen){
        Student temp = null;

        for(int i = 0; i < nbStu; i++){

            if(arrStu[i].getGender().equalsIgnoreCase(gen)){
                if(temp == null) temp = arrStu[i];
                else if(temp.getAge() < arrStu[i].getAge())
                    temp = arrStu[i];
            }
        }
        return temp;
    }

    public int splitStudents(Student male[],
Student female[]){
        int mcount = 0;
        int fcount = 0;

        for(int i = 0; i < nbStu; i++){

            if(arrStu[i].getGender().equalsIgnoreCase("Male")){
                male[mcount++] = arrStu[i];
            }
            else
                female[fcount++] = arrStu[i];
        }

        return mcount;
    }
}

```