

```

import java.io.*;
class student
{
int rollno;
String name;
int s1,s2,s3;
int total;
String result;
public void getDetails()throws IOException
{
BufferedReader br= new BufferedReader
(new InputStreamReader(System.in));
System.out.println("Enter Roll no");
rollno=Integer.parseInt(br.readLine());
System.out.println("Enter name");
name=br.readLine();
System.out.println("Enter 3 subject marks");
s1=Integer.parseInt(br.readLine());
s2=Integer.parseInt(br.readLine());
s3=Integer.parseInt(br.readLine());
}
public void calculateMarks()
{
if(s1>=50 && s2>=50 && s3>=50)
{
total=s1+s2+s3;
result="PASS";
}
else
{
total=0;
result="Fail";
}
}
public void displayResult()
{
System.out.println("Details of students");
System.out.println("Name:" +name);
System.out.println("Roll no:" +rollno);
System.out.println("subject 1Marks:"+s1);
System.out.println("subject 2marks:"+s2);
System.out.println("subject 3Marks:"+s3);
System.out.println("result:"+result);
}
}
class studentDemo
{
public static void main(String args[])
throws IOException
{
int nostud;
student s[];
BufferedReader br=new BufferedReader
(new InputStreamReader(System.in));

```

```
System.out.println("Enter How many students:");
nostud=Integer.parseInt(br.readLine());
s=new student [nostud];
for(int i=0;i<nostud;i++)
{
s[i]=new student();
System.out.println("Enter student "+(i+1)+"details");
s[i].getDetails();
}
for(int i=0; i<nostud; i++)
{
s[i].calculateMarks();
}
for(int i=0;i<nostud;i++)
{
s[i].displayResult();
}
}
```