

The screenshot shows a web browser window with the title "Online Java Compiler - online ed". The address bar shows "online_java_compiler". Below the browser window is a toolbar with buttons for "Run", "Debug", "Stop", "Share", "Save", "Beautify", and a download icon. The "Language" dropdown is set to "Java". The main editor area shows a Java file named "Main.java" with the following code:

```
1
2 import java.util.*;
3 class Student {
4     private String usn;
5     private String name;
6     private int cred[];
7     private int marks[];
8     private int n;
9
10    void accept()
11    {
12        Scanner s=new Scanner(System.in);
13        System.out.println("Enter student details");
14        System.out.println("USN of the student:");
15        usn=s.next();
16        System.out.println("Name of student:");
17        name=s.next();
18        System.out.println("Enter the number of subjects:");
19        n=s.nextInt();
20        cred=new int[n];
21        marks=new int[n];
22        System.out.println("Enter credits and marks attained by the student in each subject(out of 100)");
23        for(int i=0;i<n;i++)
24        {
25            cred[i]=s.nextInt();
26            marks[i]=s.nextInt();
27        }
28    }
29 }
```

Online Java Compiler - online ed x +

line_java_compiler

Maps

Run Debug Stop Share Save Beautify

Language Java

Main.java

```
26 marks[i]=s.nextInt();
27 }
28 }
29 void display()
30 {
31     System.out.println("Student details:");
32     System.out.println("USN:"+usn);
33     System.out.println("Name:"+name);
34     System.out.println("Marks in each subject:");
35     for(int i=0;i<n;i++)
36     {
37         System.out.println("Subject "+(i+1)+":"+marks[i]);
38     }
39 }
40 double calculate()
41 {
42     int tcp=0,tc=0;
43     for(int i=0;i<n;i++)
44     {
45         tc=tc+cred[i];
46         if(marks[i]>=50)
47         {
48             tcp=tcp+(((marks[i]/10)+1)*cred[i]);
49         }
50         else if(marks[i]>=40 && marks[i]<50)
51         {
52             tcp=tcp+(4*cred[i]);
53         }
54     }
55 }
```

input

Subject 3:78

Online Java Compiler - online ed x +

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laps

Run Debug Stop Share Save {} Beautify

Language Java

Main.java

```
40 double calculate()
41 {
42     int tcp=0,tc=0;
43     for(int i=0;i<n;i++)
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45         tc=tc+cred[i];
46         if(marks[i]>=50)
47         {
48             tcp=tcp+(((marks[i]/10)+1)*cred[i]);
49         }
50         else if(marks[i]>=40 && marks[i]<50)
51         {
52             tcp=tcp+(4*cred[i]);
53         }
54     }
55     return (double)tcp/tc;
56 }
57 }
58 class Main
59 {
60
61     public static void main(String ss[]) {
62         Student s1=new Student();
63         s1.accept();
64         s1.display();
65         System.out.println("SGPA: "+s1.calculate());
66     }
67 }
```

input

Subject 3:78

```
input
KETAN
Enter the number of subjects:
5
Enter credits and marks attained by the student in each subject(out of 100)
5
90
4
80
4
78
3
40
4
86
Student details:
USN:1BM19CS076
Name:KETAN
Marks in each subject:
Subject 1:90
Subject 2:80
Subject 3:78
Subject 4:40
Subject 5:86
SGPA: 8.3
...Program finished with exit code 0
```