

```
1 package loop;
2
3 import java.util.Scanner;
4
5 public class SimpleInterest {
6     public static void main(String[] args) {
7         Scanner sc = new Scanner(System.in);
8
9         System.out.print("Enter Principal Amount: ");
10        double principal = sc.nextDouble();
11
12        System.out.print("Enter Time (in years): ");
13        double time = sc.nextDouble();
14
15        double rate;
16
17        if (principal > 10000) {
18            rate = 10;
19        } else if (principal >= 5000 && principal <= 10000) {
20            rate = 8;
21        } else {
22            rate = 5;
23        }
24
25        double interest = (principal * time * rate) / 100;
26        System.out.println("Simple Interest: " + interest);
27    }
28 }
29
```

Problems Javadoc Declaration Console X

<terminated> SimpleInterest [Java Application] C:\Program Files\Java\jdk1.8.0_202\bin\javaw.exe (Jul 16, 2025, 1:13:47 PM -

Enter Principal Amount: 5000
Enter Time (in years): 2
Simple Interest: 800.0

```

1 package loop;
2
3 import java.util.Scanner;
4
5 public class StudentGrades {
6     public static void main(String[] args) {
7         Scanner sc = new Scanner(System.in);
8         int[] marks = new int[5];
9         int total = 0;
10
11         for (int i = 0; i < 5; i++) {
12             System.out.print("Enter marks for subject " + (i + 1) + ": ");
13             marks[i] = sc.nextInt();
14             total += marks[i];
15         }
16
17         double average = total / 5.0;
18         System.out.println("Total Marks: " + total);
19         System.out.println("Average: " + average);
20
21         if (average > 90) {
22             System.out.println("Grade: Ex");
23         } else if (average > 80) {
24             System.out.println("Grade: A");
25         } else if (average > 60) {
26             System.out.println("Grade: B");
27         } else if (average >= 40) {
28             System.out.println("Grade: C");
29         } else {
30             System.out.println("Grade: F");
31         }
32     }
}

```

<terminated> StudentGrades [Java Application] C:\Program Files\Java\jdk1.8.0_202\

```

Enter marks for subject 1: 90
Enter marks for subject 2: 84
Enter marks for subject 3: 75
Enter marks for subject 4: 88
Enter marks for subject 5: 97
Total Marks: 434
Average: 86.8
Grade: A


```

StudentGrades
main(String[]): void

```

1 package loop;
2 import java.util.Scanner;
3
4 public class InternetBill {
5     public static void main(String[] args) {
6         Scanner sc = new Scanner(System.in);
7
8         System.out.print("Enter total data consumed (in GB): ");
9         int gb = sc.nextInt();
10        double bill;
11
12        if (gb < 10) {
13            bill = 300;
14        } else if (gb <= 30) {
15            bill = 300 + 5 * (gb - 10);
16        } else {
17            bill = 400 + 3 * (gb - 30);
18        }
19
20        System.out.println("Total Bill Amount: Rs. " + bill);
21    }
22 }
23

```



 <terminated> InternetBill [Java Application] C:\Program Files\Java\jdk1.8.0_2

 Enter total data consumed (in GB): 10

 Total Bill Amount: Rs. 300.0