

Develop a Java program to create a class Student with members usn, name, an array credits and an array marks. Include methods to accept and display details and a method to calculate SGPA of a student.

```
import java.util.*;
```

```
class sgpa {
```

```
public static void main(String args[]) {
```

```
Scanner sc = new Scanner(System.in);
```

```
String name;
```

```
int usn;
```

```
int i;
```

```
double m1,m2,m3,m4,m5;
```

```
for(i=0;i<3;i++) {
```

```
System.out.println("Enter your name : ");
```

```
name = sc.next();
```

```
System.out.println("Enter your USN : ");

usn = sc.nextInt();

System.out.println("Enter your marks1 : ");

m1 = sc.nextDouble();

System.out.println("Enter your marks2 : ");

m2 = sc.nextDouble();

System.out.println("Enter your marks3 : ");

m3 = sc.nextDouble();

System.out.println("Enter your marks4 : ");

m4 = sc.nextDouble();

System.out.println("Enter your marks5 : ");

m5 = sc.nextDouble();

System.out.println("name : " + " " + name);

System.out.println("Usn : " + " " + usn);

System.out.println("Marks1 : " + " " + m1);

System.out.println("Marks2 : " + " " + m2);

System.out.println("Marks3 : " + " " + m3);

System.out.println("Marks4: " + " " + m4);

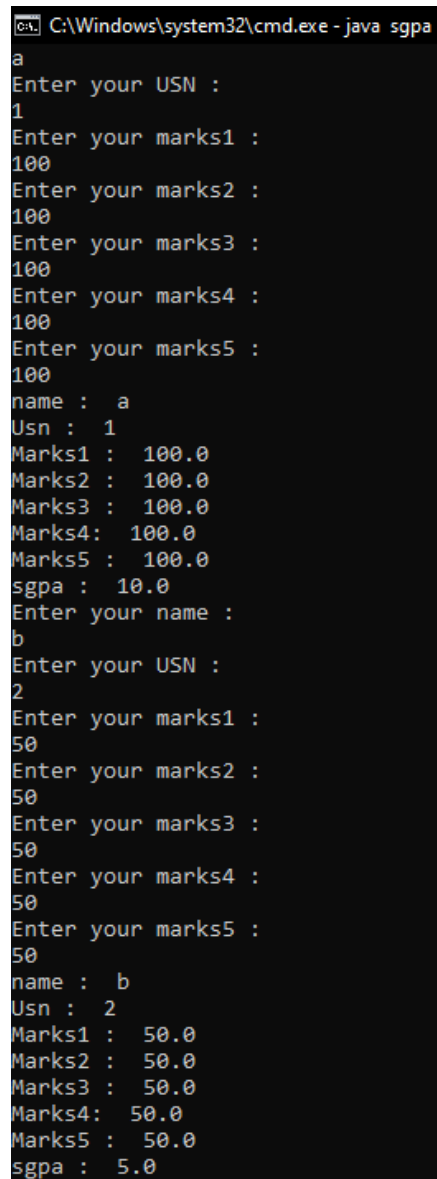
System.out.println("Marks5 : " + " " + m5);


double avg = (m1+m2+m3+m4+m5)/5;

double sgpa = avg/10;
```

```
System.out.println("sgpa : " + " " + sgpa);  
  
}  
  
}}
```

OUTPUT:



```
C:\Windows\system32\cmd.exe - java sgpa  
a  
Enter your USN :  
1  
Enter your marks1 :  
100  
Enter your marks2 :  
100  
Enter your marks3 :  
100  
Enter your marks4 :  
100  
Enter your marks5 :  
100  
name : a  
Usn : 1  
Marks1 : 100.0  
Marks2 : 100.0  
Marks3 : 100.0  
Marks4: 100.0  
Marks5 : 100.0  
sgpa : 10.0  
Enter your name :  
b  
Enter your USN :  
2  
Enter your marks1 :  
50  
Enter your marks2 :  
50  
Enter your marks3 :  
50  
Enter your marks4 :  
50  
Enter your marks5 :  
50  
name : b  
Usn : 2  
Marks1 : 50.0  
Marks2 : 50.0  
Marks3 : 50.0  
Marks4: 50.0  
Marks5 : 50.0  
sgpa : 5.0
```