```java
import java.util.scanner;

class student{

    String USN;
    String name;
    int    size;
    int    credits [];
    int    marks [].
    double result;

    Student ()  {}

    Scanner s.    new    Scanner(System.in);

    void input ()f

        System.out.println(" Enter usn and name");

        USN= s. next().
        name= s. next();

        System.out.println(" Enter no of subjects:");

        size=s.nextInt();
        marks = new  int[size];

    }
}
```

```java
void display(){

System.out.println("USN:", USN+" Name:" +name);

for(int i=0; i<size; i++){
}       System.out.print("%d ", credits[i]);

double sgpa(){

    int grade[] = new int[size];

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

        if(marks[i] >= 90){
            grade[i]=10;
        }
        else if(marks[i] >= 80){

            grade[i]=9;

        else if(marks[i] >= 70){
            grade[i]=8;

        }
        else if(marks[i] >= 60){

            grade[i]=7;

        }
```

```java
        else if (chmarks[i] >= 80) {
            grade[i] = 6;

        }

    result = 0;

    int credit_num = 0;

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

            result += grade[i] * credit[i];

            credit_num += credit[i];

        }
        result = (result / credit_num);

        }
        return result;
    }

class person {

    public static void main (String[]
        args) {

        Student s1 = new Student();
        s1.input();
        s1.display();
        System.out.print ("sgpa=" + s1.sgpa());
    }
}
```

OUTPUT:

Enter usn and name

1bm21cs046   Bond

Enter the number of subjects:

5

Enter the credits of 5 subjects:

1   2   3   4   5

Enter marks for the 5 subjects:

100   100   100   100   100

USN: 1bm21cs046   Name: Bond

Credits

	1	2	3	4	5	
marks	100	100	100	100	100	SGPA = 10·0.

```java
import java.util.Scanner;

class book {

    String name, author;
    int price, num_pages;

    book () {

        this.name = "hi";
        this.author = null;
        this.price = 0;
        this.num_pages = 0;

    }

    void input () {

        Scanner s = new Scanner(System.in).
        System.out.println ("Enter the name, author,
        price and no of pages of book in
        the given order.");

        this.name = s.next();
        this.author = s.next();
        this.price = s.nextInt();
        this.num_pages = s.nextInt();

    }
```

```java
public string     toString (){

return    name + "  " ,author + "+ price , " name prep.

}

}


class   programe {

    public static   void   main (String [] args) {

        int   size, chaice , x = 0;

        Scanner  ss =  new   Scanner (System in);

        System.out.println ("Enter the  number  of books :  );

        Size = ss. next Int ();

        book  books [] =  new   book[size];
        for (int i=0;   i< size;  i++) {

            books [i].   new book ()

            books [i]. input ();

        }


        System.out.println (" Book info:" );
        for (int i =0;  i< size; i++ )
                System.out.println (books [i]);

        }
```

OUTPUT:

Enter the number of books:

1

Enter the name, authors, price and no of people be given orders:

xt 22 100 300

Book info:

x 22 100 300

```
own Source>
        at java.base/jdk.internal.loader.BuiltinClassLoader.loadClass(Unknown So
urce>
        at java.base/jdk.internal.loader.ClassLoaders$AppClassLoader.loadClass(U
nknown Source>
        at java.base/java.lang.ClassLoader.loadClass(Unknown Source>
        at student.main(Student.java:97>

C:\Users\STUDENT\Desktop\1BM21CS046>javac Student.java

C:\Users\STUDENT\Desktop\1BM21CS046>java person
Enter USN and name
1bm21cso46 Bond
Enter the number of subjects:
5
Enter credits of 5subjects:
1 2 3 4 5
Enter marks for the 5subjects:
100 100 100 100 100
USN: 1bm21cso46 Name: Bond
Credits:
1       2       3       4       5
Marks: 100      100     100     100     100      SGPA=10.0

C:\Users\STUDENT\Desktop\1BM21CS046>
```

```
C:\WINDOWS\system32\cmd.exe                                    _  □  ×

Enter the number of books:
5
Enter the name, author, price and number of pages of the book in the given order
:
xxx zzz 100 200
Enter the name, author, price and number of pages of the book in the given order
:
Exception in thread "main" java.util.NoSuchElementException
        at java.base/java.util.Scanner.throwFor(Unknown Source)
        at java.base/java.util.Scanner.next(Unknown Source)
        at book.input(book.java:20)
        at prannav.main(book.java:45)

C:\Users\STUDENT\Desktop\1BM21CS046>javac book.java

C:\Users\STUDENT\Desktop\1BM21CS046>java prannav
Enter the number of books:
1
Enter the name, author, price and number of pages of the book in the given order
:
xx zz 100 300
Book info:
xx zz 100 300

C:\Users\STUDENT\Desktop\1BM21CS046>
```