

## Code :

```
import java.util.Scanner;

interface Student{
    final String subjects[] = {"English","Maths","Science"};
    void display();
    void showName();
    void showRollNo();
    void showAge();
}

class StudentInfo implements Student{
    String name;
    int rollNo;
    int age;

    StudentInfo(String name, int age, int rollNo){
        this.name = name;
        this.age = age;
        this.rollNo = rollNo;
    }

    public void showName() {
        System.out.println("Name : " + name);
    }

    public void display(){
        showName();
        showRollNo();
        showAge();
        System.out.print("Subjects : ");
        for(String a : subjects){
            System.out.print(a + " ");
        }
    }

    public void showRollNo(){
        System.out.println("Roll No. : " + rollNo);
    }

    public void showAge(){
        System.out.println("Age : " + age);
    }
}
```

```

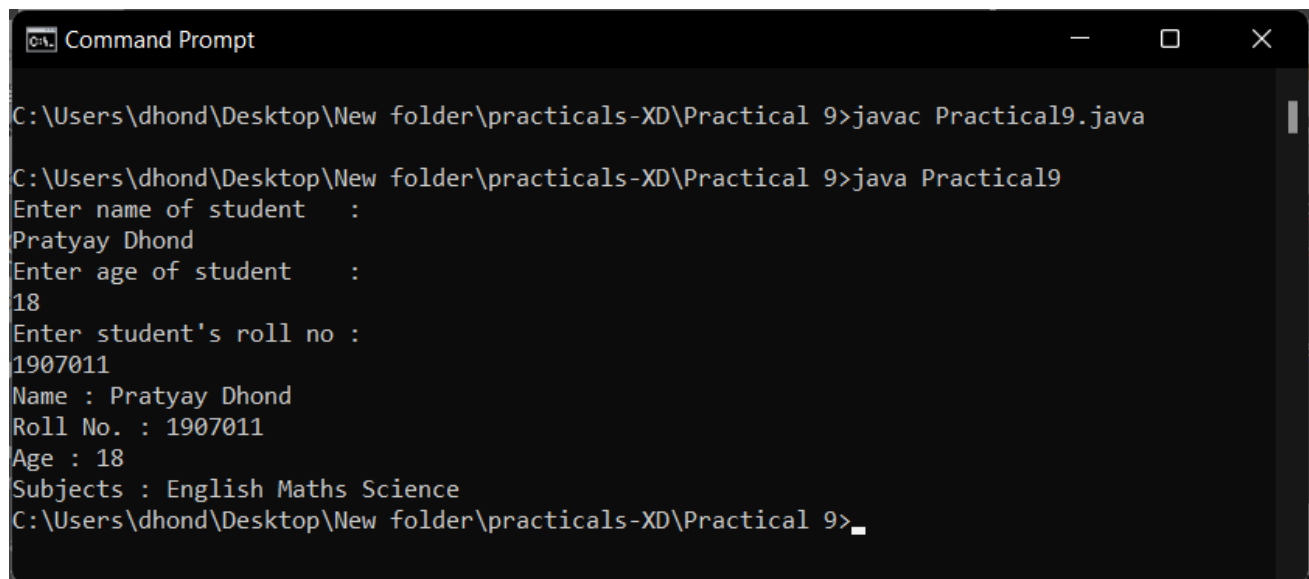
class Practical9{

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        String name = " ";
        int age = 0;
        int rollNo = 0;
        System.out.println("Enter name of student   : ");
        name = sc.nextLine();
        System.out.println("Enter age of student     : ");
        age = sc.nextInt();
        System.out.println("Enter student's roll no : ");
        rollNo = sc.nextInt();

        StudentInfo student1 = new StudentInfo(name,age,rollNo);
        student1.display();
    }
}

```

### Output:



```

C:\Users\dhond\Desktop\New folder\practicals-XD\Practical 9>javac Practical9.java

C:\Users\dhond\Desktop\New folder\practicals-XD\Practical 9>java Practical9
Enter name of student   :
Pratyay Dhond
Enter age of student     :
18
Enter student's roll no :
1907011
Name : Pratyay Dhond
Roll No. : 1907011
Age : 18
Subjects : English Maths Science
C:\Users\dhond\Desktop\New folder\practicals-XD\Practical 9>

```