

1.Student

```
import java.util.Scanner;

class Student
{
    int rollNo;
    String firstName;
    double percentage;
    public void accept()
    {
        Scanner sc=new Scanner (System.in);
        System.out.println("Enter rollNo ,name & per");
        rollNo=sc.nextInt();
        firstName=sc.next();
        percentage=sc.nextDouble();
    }
    public void display()
    {
        System.out.println("Rollno="+rollNo);
        System.out.println("Name="+firstName);
        System.out.println("Per="+percentage);
    }
}

public class Main
{
    public static void main (String[] args)
    {
        int n,i;
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter size");
```

```
n=sc.nextInt();
Student[] student=new Student[5];
for(i=0;i<n;i++)
{
    student[i]=new Student();
    student[i].accept();
    student[i].display();
}
}
}
```

Output:

Enter size

3

Enter rollNo ,name & per

10 priyanshi 90.98

Rollno=10

Name=priyanshi

Per=90.98

Enter rollNo ,name & per

11 varad 89.90

Rollno=11

Name=varad

Per=89.9

Enter rollNo ,name & per

12 aarush 80.97

Rollno=12

Name=aarush

Per=80.97

2.Book

```
import java.util.Scanner;

class Book
{
    int bid;
    String bName,author;
    double price;
    public void accept()
    {
        Scanner sc=new Scanner (System.in);
        System.out.println("Enter bid bName author price");
        bid=sc.nextInt();
        bName=sc.next();
        author=sc.next();
        price=sc.nextDouble();
    }
    public void display()
    {
        System.out.println("id="+bid);
        System.out.println("Name="+bName);
        System.out.println("author="+author);
        System.out.println("price="+price);
    }
}

public class Main
{
    public static void main (String[] args)
    {
        int n,i;
```

```
Scanner sc=new Scanner(System.in);
System.out.println("Enter size");
n=sc.nextInt();
Book[] book=new Book[n];
for(i=0;i<n;i++)
{
    book[i]=new Book();
    book[i].accept();
    book[i].display();
}
}
}
```

Output:

Enter size

3

Enter bid bName author price

1 agnipankh dr.apjabdulkalam 450

id=1

Name=agnipankh

author=dr.apjabdulkalam

price=450.0

Enter bid bName author price

2 tomichabit jamesclear 610

id=2

Name=atomichabit

author=jamesclear

price=610.0

Enter bid bName author price

3 youcanwin shivkhera 540

id=3

Name=youcanwin

author=shivkhera

price=540.0

3.Vehicle

```
import java.util.Scanner;
```

```
class Vehicle
```

```
{
```

```
    int vid;
```

```
    String vName,company ,color,owner;
```

```
    double price;
```

```
    public void accept()
```

```
    {
```

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

```
        System.out.println("Enter vid vName company color owner price");
```

```
        vid=sc.nextInt();
```

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

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

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

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

```
        price=sc.nextDouble();
```

```
    }
```

```
    public void display()
```

```
    {
```

```
        System.out.println("id="+vid);
```

```
        System.out.println("Name="+vName);
```

```
        System.out.println("company="+company);
```

```
        System.out.println("color="+color);
```

```

        System.out.println("owner="+owner);
        System.out.println("price="+price);

    }
}
public class Main
{
    public static void main (String[] args)
    {
        int n,i;
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter size");
        n=sc.nextInt();
        Vehicle[] vehicle=new Vehicle[n];
        for(i=0;i<n;i++)
        {
            vehicle[i]=new Vehicle();
            vehicle[i].accept();
            vehicle[i].display();
        }
    }
}

```

Output:

Enter size

2

Enter vid vName company color owner price

101 hyundaicreta hyundai white hyundaicompany 1400000

id=101

Name=hyundaicreta

company=hyundai

color=white

owner=hyundaicompany

price=1400000.0

Enter vid vName company color owner price

1001 tatanexon tatamotors black tatagroup 1300000

id=1001

Name=tatanexon

company=tatamotors

color=black

owner=tatagroupo

price=1300000.0

4.Employee.

```
import java.util.Scanner;
```

```
class Employee
```

```
{
```

```
    int eid;
```

```
    String eName,salary,designation;
```

```
    public void accept()
```

```
    {
```

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

```
        System.out.println("Enter eid eName salary designation");
```

```
        eid=sc.nextInt();
```

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

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

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

```
    }
```

```
    public void display()
```

```
    {
```

```
        System.out.println("id="+eid);
```

```

        System.out.println("Name="+eName);
        System.out.println("salary="+salary);
        System.out.println("designation="+designation);

    }
}

public class Main
{
    public static void main (String[] args)
    {
        int n,i;
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter size");
        n=sc.nextInt();
        Employee[] employee=new Employee[n];
        for(i=0;i<n;i++)
        {
            employee[i]=new Employee();
            employee[i].accept();
            employee[i].display();
        }
    }
}

```

Output:

Enter size

4

Enter eid eName salary designation

1 swetie 29000 clerk

id=1

Name=swetie

salary=29000

designation=clerk

Enter eid eName salary designation

2 abhimanu yu 45000 trainer

id=2

Name=abhimanyu

salary=45000

designation=trainer

Enter eid eName salary designation

3 chaitanya 35000 teacher

id=3

Name=chaitanya

salary=35000

designation=teacher

Enter eid eName salary designation

4 aarush 500000 engineer

id=4

Name=aarush

salary=50000

designation=engineer