***1.In c student info***

#include <stdio.h>

struct StudentData{

char \*stu\_name;

int stu\_id;

int stu\_age;

};

int main()

{

struct StudentData student;

student.stu\_name = "isha";

student.stu\_id = 1234;

student.stu\_age = 30;

printf("Student Name is: %s", student.stu\_name);

printf("\nStudent Id is: %d", student.stu\_id);

printf("\nStudent Age is: %d", student.stu\_age);

return 0;

}

Output:

Student Name is: isha

Student Id is: 1234

Student Age is: 30

***2.student***

import java.util.\*;

class Student

{

int rollNo;

String firstName;

double percentage;

public void accept()

{

Scanner sc=new Scanner (System.in);

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

}

}

public class Main

{

public static void main (String[] args)

{

Student student = new Student();

student.accept();

student.display();

Student student1 = new Student();

student1.accept();

student1.display();

}

}

***Output:***

RollNo name per

1

meena

87

RollNo:1

Name:meena

percentage:87.0

RollNo name per

2

isha

87

RollNo:2

Name:isha

percentage:87.0

***3.student information using array of object.***

import java.util.\*;

class Student

{

int rollNo;

String firstName;

double percentage;

public void accept()

{

Scanner sc=new Scanner (System.in);

System.out.println("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("percentage:"+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[n];

for(i=0;i<n;i++)

{

student[i] = new Student();

student[i].accept();

student[i].display();

}

}

}

Output:

enter size :

2

RollNo name per

1

nirali

78

RollNo:1

Name:nirali

percentage:78.0

RollNo name per

2

meena

87

RollNo:2

Name:meena

percentage:87.0

***4.Book***

import java.util.\*;

class Book

{

int bookId;

String bookName;

String bookAuthor;

int bookPrice;

public void accept()

{

Scanner sc=new Scanner (System.in);

System.out.println("bookid bookname bookauthor bookprice");

bookId =sc.nextInt();

bookName=sc.next();

bookAuthor=sc.next();

bookPrice= sc.nextInt();

}

public void display()

{

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

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

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

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

}

}

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 :

1

bookid bookname bookauthor bookprice

101

ramayn

valmiki

4000

bookId:101

bookName:ramayn

bookAuthor:valmiki

bookPrice:4000

***5.Vehicle***

import java.util.\*;

class Vehicle

{

int vehicleId;

String vehicleName;

String vehicleCompany;

String vehicleColor;

String vehicleOwner;

double vehiclePrice;

public void accept()

{

Scanner sc=new Scanner (System.in);

System.out.println("vehicleid ,vehicleName, vehicleCompany, vehicleColor, vehicleOwner ,vehiclePrice :");

vehicleId =sc.nextInt();

vehicleName=sc.next();

vehicleCompany=sc.next();

vehicleColor=sc.next();

vehicleOwner=sc.next();

vehiclePrice= sc.nextInt();

}

public void display()

{

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

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

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

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

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

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

}

}

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 :

1

Vehicleid, vehicleName ,vehicleCompany, vehicleColor, vehicleOwner ,vehiclePrice :

201

swift

tata

pink

mr.tata

160000

vehicleId:201

vehicleName:swift

vehicleCompany:tata

vehicleColor:pink

vehicleOwner:mr.tata

vehiclePrice:160000.0

***6.Employee***

import java.util.\*;

class Employee

{

int employeeId;

String employeeName;

int employeeSalary;

String employeeDesignation;

public void accept()

{

Scanner sc=new Scanner (System.in);

System.out.println("employeeId, employeeName ,employeeSalary, employeeDesignation : ");

employeeId =sc.nextInt();

employeeName=sc.next();

employeeSalary= sc.nextInt();

employeeDesignation=sc.next();

}

public void display()

{

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

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

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

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

}

}

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 :

2

employeeId, employeeName ,employeeSalary, employeeDesignation :

11

nitya

30000

developer

employeeId:11

employeeName:nitya

employeeSalary:30000

employeeDesignation:developer

employeeId, employeeName ,employeeSalary, employeeDesignation :

22

meera

25000

tester

employeeId:22

employeeName:meera

employeeSalary:25000

employeeDesignation:tester