```
package ise;
public interface department {
     void readdata();
     void printdata();
     int print number designations(int x);
     int number research consulancy projs(int x);
}
package ise;
public class faculty {
     String name , designation , joining date , subjects handled ;
     int age , years of experience ;
}
package ise;
import java.util.Scanner;
public class ISE department extends faculty implements department {
    public void readdata() {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter your name : ");
        name = sc.nextLine();
        System.out.print("Enter your designation : ");
        designation = sc.nextLine();
        System.out.print("Enter your joining date : ");
        joining date = sc.nextLine();
        System.out.print("Input the subjects handled by you: ");
        subjects handled = sc.nextLine();
        System.out.print("Enter your years of Experience : ");
        years of experience = sc.nextInt();
        System.out.print("Enter your age : ");
            age = sc.nextInt();
            if(age>58)
            System.out.println("you are too experience too teach");
    }
    public void printdata() {
        System.out.println("-----
");
                                                 : " + name);
        System.out.println("Name
        System.out.println("Age
                                                 : " + age);
        System.out.println("Age : " + age);

System.out.println("Designation : " + designation);

System.out.println("Joining date : " + joining_date);
        System.out.println("Years of Experience : " +
years of experience);
```

```
System.out.println("Subjects handled : " +
subjects_handled);
       System.out.println("-----
");
    }
   public int print number designations(int x) {
       return x;
    }
   public int number research consulancy projs(int y) {
       return y;
   public int experience() {
       return years of experience;
}
package ise;
import java.util.Scanner;
public class MainClass {
   public static void main(String[] args) {
       boolean flag = true;
       Scanner sc = new Scanner(System.in);
       System.out.println("Enter the operation to be performed.");
       ISE department ise[] = new ISE department[5];
       for (int k = 0; k < 5; k++)
           ise[k] = new ISE department();
       int i = 0;
       while(flag) {
           System.out.print("1.New faculty register \t 2. Display \t
3.Special Display \t 4.Exit : ");
           int ch = sc.nextInt();
           switch(ch) {
               case 1 : ise[i].readdata();
                        i++;
                        break;
               case 2 : System.out.println("Displaying all Faculty
Details.");
                        for (int k = 0; k < i; k++)
                           ise[k].printdata();
                        break;
               case 4 : flag = false;
                        break;
               case 3 : System.out.println("Displaying Faculty
details with year of experience greater than 20.");
```