

Exercise : 3

```
import java.util.Scanner;

class Employee{
    String emp_name;
    int emp_id;
    String address;
    String mail_id;
    int mobile_no;
    void display(){
        System.out.println(emp_name);
        System.out.println(address);
        System.out.println(emp_id);
        System.out.println(mail_id);
        System.out.println(mobile_no);
    }
}

class Programmer extends Employee{
    int bp;
    void display(){
        System.out.println(bp);
        System.out.println("DA"+0.97*bp);
        System.out.println("HRA"+0.10*bp);
        System.out.println("PF"+0.12*bp);
        System.out.println("STAFF CLUD FUND"+0.001*bp);
    }
}
```

```
class Assistant_professor extends Employee{
    int bp;
    void display(){
        System.out.println(bp);
        System.out.println("DA"+0.97*bp);
        System.out.println("HRA"+0.10*bp);
        System.out.println("PF"+0.12*bp);
        System.out.println("STAFF CLUD FUND"+0.001*bp);
    }
}

class Associate_professor extends Employee{
    int bp;
    void display(){
        System.out.println(bp);
        System.out.println("DA"+0.97*bp);
        System.out.println("HRA"+0.10*bp);
        System.out.println("PF"+0.12*bp);
        System.out.println("STAFF CLUD FUND"+0.001*bp);
    }
}

class Professor extends Employee{
    int bp;
    void display(){
        System.out.println(bp);
        System.out.println("DA"+0.97*bp);
        System.out.println("HRA"+0.10*bp);
        System.out.println("PF"+0.12*bp);
    }
}
```

```
System.out.println("STAFF CLUD FUND"+0.001*bp);
}
}

class Main{

public static void main(String args[]){

System.out.println("\n1.Programer\n2.Assistant_professor\n3.Associate_professor\n4.Professor");

Scanner input=new Scanner(System.in);

System.out.println("Enter an integer :");

int ch=input.nextInt();

switch(ch){

case 1:

Employee e1=new Employee();

Programmer p1=new Programmer();

e1.emp_name="abc";

e1.address="y-city";

e1.mail_id="praw@gmail.com";

e1.emp_id=567;

e1.mobile_no=2345678;

p1.bp=15000;

p1.display();

e1.display();

break;

case 2:

Employee e2=new Employee();

Assistant_professor p2=new Assistant_professor();

e2.emp_name="DEF";

e2.address="A-city";
```

```
e2.mail_id="rajan@gmail.com";
e2.emp_id=123;
e2.mobile_no=987321;
p2.bp=30000;
p2.display();
e2.display();
break;
case 3:
Employee e3=new Employee();
Associate_professor p3=new Associate_professor();
e3.emp_name="GHF";
e3.address="B-city";
e3.mail_id="main@gmail.com";
e3.emp_id=456;
e3.mobile_no=98710;
p3.bp=3000;
p3.display();
e3.display();
break;
case 4:
Employee e4=new Employee();
Professor p4=new Professor();
e4.emp_name="Kannan";
e4.address="Trichy";
e4.mail_id="kanna@gmail.com";
e4.emp_id=789;
e4.mobile_no=9810;
```

```
p4.bp=30000;  
p4.display();  
e4.display();  
break;  
case 5:  
//exit(1)  
default:  
System.out.println("Enter Correct Choice");  
}  
}  
}
```