**Ques: Inheritence**

class Employee{

float salary=40000;

}

class Inheritence extends Employee{

int bonus=10000;

public static void main(String args[]){

Inheritence p=new Inheritence();

System.out.println("Programmer salary is:"+p.salary);

System.out.println("Bonus of Programmer is:"+p.bonus);

}

}

**Ques:** **Inheritence**

class Animal{

void eat(){System.out.println("eating...");}

}

class Dog extends Animal{

void bark(){System.out.println("barking...");}

}

class BabyDog extends Dog{

void weep(){System.out.println("weeping...");}

}

class Inheritence2{

public static void main(String args[]){

BabyDog d=new BabyDog();

d.weep();

d.bark();

d.eat();

}}

**Ques: Method Overloading**

class Adder{

static int add(int a,int b){return a+b;}

static int add(int a,int b,int c){return a+b+c;}

}

class MethodOverloading{

public static void main(String[] args){

System.out.println(Adder.add(11,11));

System.out.println(Adder.add(11,11,11));

}}

**Ques: Method Overriding**

class Vehicle{

void run(){System.out.println("Vehicle is running");}

}

class MethodOverridding extends Vehicle{

//defining the same method as in the parent class

void run(){System.out.println("Bike is running safely");}

public static void main(String args[]){

MethodOverridding obj = new MethodOverridding();//creating object

obj.run();//calling method

}

}

**Ques: Account with deposit and withdraw**

import java.util.Scanner;

public class Account {

int accno,phn,add,withdraw;

String name;

float bal\_amt;

Account()

{

bal\_amt=0;

}

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

public void getinput()

{

System.out.println("Enter the Account no");

accno=sc.nextInt();

System.out.println("Enter the Name");

name=sc.next();

System.out.println("Enter the Phoneno");

phn=sc.nextInt();

}

public void deposit()

{

System.out.println("Enter the Ammount to be deposited");

add=sc.nextInt();

bal\_amt=bal\_amt+add;

System.out.println("Updated Balance is"+bal\_amt);

}

public void withdraw()

{

System.out.println("Enter the Ammount to be withdraw");

withdraw=sc.nextInt();

bal\_amt=bal\_amt-withdraw;

System.out.println("Updated Balance is "+bal\_amt);

}

public static void main(String args[])

{

int choice;

Account a1=new Account();

a1.getinput();

while(true)

{

System.out.println("Enter 1 for Deposit");

System.out.println("Enter 2 for Withdraw");

System.out.println("Enter 3 for Exit");

System.out.println("Enter your choice");

choice=sc.nextInt();

switch(choice)

{

case 1:

a1.deposit();

break;

case 2:

a1.withdraw();

break;

case 3:

System.exit(0);

}

}

}

}