

## **Practical – 8**

**Object:** WAP to design a class account using the inheritance and static that show all function of bank (withdrawal, deposit).

**Program:**

**Account.java**

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

```
class Bank
```

```
{
```

```
    static int available;
```

```
    static void depositMoney(int submit)
```

```
    {
```

```
        available=available+submit;
```

```
        System.out.println("You have submitted "+submit);
```

```
        System.out.println("Now, you have "+available+" available in your account");
```

```
    }
```

```
    static void withdrawMoney(int money)
```

```
    {
```

```
        available=available-money;
```

```
        System.out.println("You have withdrawn "+money);
```

```
        System.out.println("Now, you have "+available+" available in your account");
```

```
    }
```

```
}
```

```
class Account extends Bank
```

```
{
```

```
    public static void main(String []args)
```

```
    {
```

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

System.out.print("Enter your name: ");

String name=sc.nextLine();

System.out.print("Enter the available money in your account: ");

available=sc.nextInt();

System.out.println("Hi, "+name);

System.out.println("You have "+available+" in your account");

while(true)

{

    System.out.println("Enter 1 -> Deposit");

    System.out.println("Enter 2 -> Withdraw");

    System.out.println("Enter 3 -> Exit");

    int n=sc.nextInt();

switch(n)

{

    case 1:

    {

        System.out.print("Enter the amount to deposit: ");

        int submit=sc.nextInt();

        Account.depositMoney(submit);

        break;

    }

    case 2:

    {

        System.out.print("Enter the amount to withdraw: ");

        int money=sc.nextInt();
```

```
        if(money>available)
        {
            System.out.println("You have "+available+" money only in
your account");
        }
        else
        {
            Account.withdrawMoney(money);
        }
        break;
    }
    case 3:
    {
        System.out.println("Thank you!");
        break;
    }
    default:
        System.out.println("Please enter either 1 or 2 numbers only");
        break;
    }
    if(n==3)
    {
        break;
    }
}
}
```