**Name: jobin t j**

**Roll No:7**

**Batch:MCA-B**

**Date:24/04/2022**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 6**

**Aim**

Create CPU with attribute price. Create inner class Processor (no. of cores, manufacturer)

and static nested class RAM (memory, manufacturer). Create an object of CPU and print

information of Processor and RAM

**Procedure**

import java.util.Scanner;

import java.lang.String;

public class CPU {

double price;

public class processor{

float ncores;

String manufacturer;

void pinfo(float a,String processorname) {

ncores=a;

manufacturer=processorname;

System.out.println("The processor information is" +ncores+ "" +manufacturer);

}

}

static class ram{

float memory;

String manufacturer;

void prinfo(float b,String ramname) {

memory=b;

manufacturer=ramname;

System.out.println("The Ram information is" +memory+ "" +manufacturer);

}

}

public static void main(String[] args) {

CPU obj=new CPU();

CPU.processor obj1=obj.new processor();

CPU.ram obj2=new CPU.ram();

Scanner s=new Scanner(System.in);

System.out.println("Enter price of CPU");

obj.price=s.nextInt();

System.out.println("Enter processor details");

float a=s.nextFloat();

Scanner s1=new Scanner(System.in);

String processorname=s1.nextLine();

System.out.print("Enter RAM details");

float b=s.nextFloat();

String ramname=s1.nextLine();

s.close();

s1.close();

System.out.println("The price of CPU is"+obj.price);

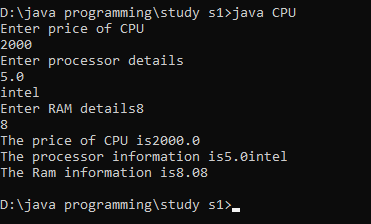
obj1.pinfo(a, processorname);

obj2.prinfo(b, ramname);

}

}

**Output Screenshot**

****