**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 5**

**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.\*;

class Cpu{

double price;

class Processor{

double cores;

String manufacturer;

public Processor(double nc,String m1){

cores=nc;

manufacturer=m1;

}

void display(){

System.out.println("Processor Details");

System.out.println("Cores = "+cores);

System.out.println("Manufacturer = "+manufacturer);

}

}

static class Ram{

double memory;

String manufacturer;

public Ram(double mem,String m2){

memory=mem;

manufacturer=m2;

}

void display(){

System.out.println("Ram Details ");

System.out.println("Memory = "+memory);

System.out.println("Manufacturer"+manufacturer);

}

}

}

public class CpuRam{

public static void main(String args[]){

Cpu cpuobj=new Cpu();

Cpu.Processor processorobj=cpuobj.new Processor(8,"Acer");

Cpu.Ram ramobj=new Cpu.Ram(5,"Intel");

processorobj.display();

ramobj.display();

}

}

**Output Screenshot**

