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**Roll No: 16**

**Batch: RMCA B**

**Date: 17/05/2022**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 1**

**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**

class CPU{

int price=25000;

class Processor{

int cores=50;

String manufacturer="AMD";

}

static class Ram{

static String memory= "14GB";

String manufacturer ="Intel";

}

}

public class Computer{

public static void main(String args[]){

CPU cpuobj = new CPU();

CPU.Processor probj = cpuobj.new Processor();

CPU.Ram ramobj=new CPU.Ram();

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

System.out.println("The No.of cores is " + probj.cores);

System.out.println("The No.of cores is " + probj.manufacturer);

System.out.println("The RAM memory is " + CPU.Ram.memory);

System.out.println("The manufacturer is " + ramobj.manufacturer);

}

}

**Output Screenshot**

