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**Roll No:22**

**Batch: MCA B**

**Date:17/05/2022**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 7**

**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

{

float price=20000;

class Processor

{

int NoOfCores=4;

String Manufacturers="Rayzen s5";

}

static class RAM

{

static int Memory=8;

String M\_Manufacturer="HP";

}

}

public class List

{

public static void main(String args[])

{

CPU C1 =new CPU();

CPU.Processor Pro =C1.new Processor();

CPU.RAM R=new CPU.RAM();

System.out.println("Price=" + C1.price);

System.out.println("Number of cores" + Pro.NoOfCores);

System.out.println("Manufacturers=" + Pro.Manufacturers);

System.out.println("Memory=" +CPU.RAM.Memory);

System.out.println("Memory Manufacturers=" + R.M\_Manufacturer);

}

}

**Output Screenshot**

