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**Roll No:57**

**Batch:MCA B**

**Date:**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 5**

**Aim**

To familiarize with Inner Class

Create a class CPU with attribute price, create inner class Processor(number of cores,manufacturer) and static nested class RAM(memory,manufacturer). Create an object of CPU and bring information of processor and RAM.

**Procedure**

class CPU

{

int price=5500;

class Processor

{

int cores=4;

String manuf="Intel";

}

static class RAM

{

static int memory=8;

static String manuf="Kingston";

}

}

public class InnerClassSample2

{

public static void main(String arg[])

{

CPU obj1=new CPU();

CPU.Processor obj2=obj1.new Processor();

System.out.println("\n CPU INFORMATION\n");

System.out.print("\n PRICE : "+obj1.price);

System.out.print("\n CORES : "+obj2.cores);

System.out.print("\n MANUFACTURER OF PROCESSOR : "+obj2.manuf);

System.out.print("\n SIZE OF RAM : "+CPU.RAM.memory);

System.out.print("\n MANUFACTURER OF RAM : "+CPU.RAM.manuf);

}

}

**Output Screenshot**

