**OBJECT ORIENTED PROGRAMMING LAB**

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**Roll No: 35**

**Batch: B**

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**Lab Cycle No.: 3**

**Aim**

Create a class CPU with attribute price. Create inner class processor with attributes: cores & manufacturer and static nested class RAM with attributes: memory & manufacturer. Create an object of CPU and print the info of processor & RAM.

**Procedure**

**CPUInfo.java**

class CPU{

int price=15400;

class processor{

int cores=4;

String manufacturer="Toshiba";

}

static class RAM{

static int ram\_memory=8;

String ram\_manufacturer="Samsung";

}

}

public class CPUInfo{

public static void main(String[] args){

CPU cpu= new CPU();

CPU.processor processorinfo= cpu.new processor();

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

System.out.println("Core value : "+processorinfo.cores);

System.out.println("Processor value : "+processorinfo.manufacturer);

System.out.println("RAM Memory value : "+CPU.RAM.ram\_memory);

System.out.println("RAM value : "+ramInfo.ram\_manufacturer);

}

}

**InnerClassExample.java**

// CO 3 : InnerClass & OuterClass E

class outerClass{

int i=10;

class innerClass{

int y= 5;

}

}

public class innerClassExample{

public static void main(String[] args){

outerClass outer= new outerClass();

outerClass.innerClass innerObj= outer.new innerClass();

System.out.println("The value of y is : "+outer.i);

System.out.println("The value of y is : "+innerObj.y);

}

}

**Output:**



