**OBJECT ORIENTED PROGRAMMING LAB**

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**Batch: B**

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**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**

public class Cpu1{

int price;

class processor{

int cores;

String producer;

processor(int noC, String Sreejith){

cores=noC;

producer=Sreejith;

}

void display(){

System.out.println("\nProcessor info");

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

System.out.println("Manufacturer = "+producer+"\n");

}

}

static class ram{

int mem;

String manuf;

ram(int memory,String producer ){

mem=memory;

manuf=producer;

}

void display(){

System.out.println("\nRAM info");

System.out.println("Memory = "+mem+" GB");

System.out.println("Manufacturer = "+manuf+"\n");

}}

public static void main(String[] args) {

Cpu.ram obj1= new Cpu.ram(8,"Intel");

Cpu obj2 = new Cpu();

Cpu.processor obj3 = obj2.new processor(8,"Asuss");

obj1.display();

obj3.display();

}

}

**Output**

