**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 9**

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**Aim**

Create 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 print information of processor and ram.

**Procedure**

public class Cpu{

int price;

class processor{

int cores;

String producer;

processor(int noC, String manu){

cores=noC;

producer=manu;

}

void display(){

System.out.println("\n----Processor info----");

System.out.println("No. 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("\n----RAM 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,"Samsung");

obj1.display();

obj3.display();

}

}

**Output Screenshot**

