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**Object Oriented Programming LAB**

**Experiment No.: 7**

**Aim**

Create cpu with attributes price create inner class processor (no: of core manufacutures) and static nested class RAM (memory,manufactures)create an object of cpu and print information of processor and RAM.

**Procedures**

**Source Code**

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("\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,"Samsung");

obj1.display();

obj3.display();

}

}

**Output**

