

**OBJECT ORIENTED PROGRAMING LAB**

**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 Output Screenshot**

import java.util.\*;

class CPU{

double price;

class Processor{

double cores;

String manufacturer;

}

static class RAM{

static double memory;

String manufacturer;

}

}

public class Computer {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

CPU cpu = new CPU();

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

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

System.out.println("~~~CPU~~~");

System.out.println("Enter price: ");

cpu.price = sc.nextDouble();

System.out.println("~~~CPU Processor~~~");

System.out.println("Enter manufacturer: ");

processor.manufacturer = sc.next();

System.out.print("Enter core: ");

processor.cores = sc.nextDouble();

System.out.println("~~~CPU RAM~~~");

System.out.println("Enter manufacturer: ");

ram.manufacturer = sc.next();

System.out.print("Enter memory: ");

ram.memory = sc.nextDouble();

System.out.println("CPU Price = " + cpu.price);

System.out.println("Processor core = " + processor.cores);

System.out.println("Processor Manufacturer = " + processor.manufacturer);

System.out.println("RAM memory = " + Cpu.ram.memory);

System.out.println("RAM manufacturer = " + ram.manufacturer);

}

}

**Output Screenshot**

