

OBJECT ORIENTED PROGRAMMING LAB

Experiment No.: 7

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

```
class Cpu
{
    int price=10;
    class Processor
    {
        String core ="intel i3";
        String manufactorer= "samsung";
    }
    static class Ram
    {
        static int memory=16;
        static String manufactorer="asus";
    }
}

public class CpuCreate
{
    public static void main(String args[])
    {
        Cpu cpuobj =new Cpu();
        System.out.println("cpu price is "+cpuobj.price);
        Cpu.Processor proobj = cpuobj.new Processor();
```

Name: Neha Antony

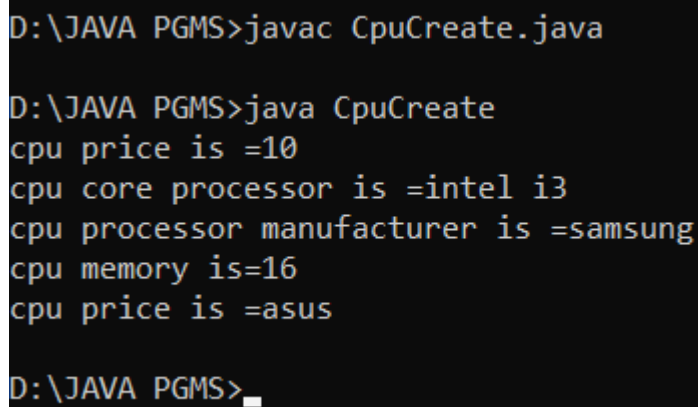
Roll No:23

Batch: MCA B

Date:17/05/2022

```
System.out.println("cpu core processor is =" + proobj.core);  
System.out.println("cpu processor manufacturer is =" + proobj.manufactorer);  
System.out.println("cpu memory is =" + Cpu.Ram.memory);  
System.out.println("cpu price is =" + Cpu.Ram.manufactorer);  
  
}  
}
```

Output Screenshot



```
D:\JAVA PGMS>javac CpuCreate.java  
  
D:\JAVA PGMS>java CpuCreate  
cpu price is =10  
cpu core processor is =intel i3  
cpu processor manufacturer is =samsung  
cpu memory is=16  
cpu price is =asus  
  
D:\JAVA PGMS>_
```