

## Co1-5

```
import java.util.Scanner;

class CPU
{
    double price;
    CPU(double price)
    {
        this.price = price;
    }
    class Processor
    {
        int no_of_cores;
        String manufacturer;
        void processorDetails(Scanner read) {
            System.out.print("Enter no.of cores in
processor:");
            no_of_cores = read.nextInt();
            read.nextLine();

            System.out.print("Enter the manufacturer
name:");

            manufacturer = read.nextLine();
        }

        void display(){

            System.out.println("Processor Details");
```

```
System.out.println("_____");
```

```
System.out.println("\nnextLineNo of Cores :  
"+no_of_cores+"\nManufacturer :  
"+manufacturer+"\n");
```

```
}
```

```
}
```

```
static class RAM {  
    int memory;  
    String manufacturer;  
    void ramDetails(Scanner read) {  
        System.out.print("Enter the size of  
memory(in GB):");  
        memory = read.nextInt();
```

```
read.nextLine();
```

```
System.out.print("Enter manufacturer  
name:");
```

```
manufacturer = read.nextLine();
```

```
}
```

```
void display(){
```

```
System.out.println("Memory Details");
```

---

```
System.out.println("_____");
```

```
System.out.println("\nMemory size :  
"+memory+"GB\nManufacturer :  
"+manufacturer+"\n");
```

```
}
```

```
}
```

```
}
```

```
public class DisplayCpuInfo
```

```
{
```

```
public static void main(String args[])
```

```
{
```

```
    Scanner read = new Scanner(System.in);
```

```
    System.out.print("\nEnter the price of the  
cpu:");
```

```
    double price = read.nextDouble();
```

```
    CPU c1 = new CPU(price);
```

```
    CPU.Processor p1= c1.new Processor();
```

```
    CPU.RAM r1=new CPU.RAM();
```

```
p1.processorDetails(read);
```

```
r1.ramDetails(read);
```

```
p1.display();
```

```
r1.display();
```

```
}
```

```
}
```

---