

C:\Users\aa014\OneDrive\Desktop\java\constructor\Laptop.java - Notepad++

```
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
Furniture.java Watch.java Shoes.java Restaurant.java Actor.java Bike.java Chips.java AreaTriangle.java AreaSphere.java AreaCircle.java Distance.java Table.java Casting.java Laptop.java

1 public class Laptop {
2     String model;
3     int systemId;
4     String core;
5     int generation;
6     String systemType;
7     public Laptop(String model,int systemId,String core,int generation,String systemType) {
8         this.model=model;
9         this.systemId=systemId;
10        this.core=core;
11        this.generation=generation;
12        this.systemType=systemType;
13    }
14
15    public static void main(String[] args) {
16        Laptop Dell=new Laptop("Precision 5510","00325-95858-33755","i7",6,"64 bit operating System");
17        System.out.println(Dell.model);
18        System.out.println(Dell.systemId);
19        System.out.println(Dell.core);
20        System.out.println(Dell.generation);
21        System.out.println(Dell.systemType);
22    }
23
24 }
25
26
27
```

C:\Windows\System32\cmd.exe

```
Microsoft Windows [Version 10.0.19045.2486]
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C:\Users\aa014\OneDrive\Desktop\java\constructor>javac Laptop.java
C:\Users\aa014\OneDrive\Desktop\java\constructor>java Laptop.java
Precision 5510
00325-95858-33755
i7
6
64 bit operating System
C:\Users\aa014\OneDrive\Desktop\java\constructor>
```

Java source file length: 673 lines: 27 Ln: 22 Col: 41 Pos: 661 Windows (CR LF) UTF-8 INS 22°C Smoke 1:49 PM 2/5/2023

C:\Users\aa014\OneDrive\Desktop\java\constructor\Furniture.java - Notepad++

```
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
Blanket.java Watch.java Shoes.java Restaurant.java Actor.java Bike.java Chips.java AreaTriangle.java AreaSphere.java AreaCircle.java Distance.java Table.java Casting.java Laptop.java Furniture.java

1 public class Furniture {
2     String furnitureKind;
3     String furnitureSize;
4     int quantity;
5     String color;
6     public Furniture(String furnitureKind,String furnitureSize,int quantity,String color) {
7         this.furnitureKind=furnitureKind;
8         this.furnitureSize=furnitureSize;
9         this.quantity=quantity;
10        this.color=color;
11    }
12
13    public static void main(String[] args) {
14        Furniture Sofa=new Furniture("Simple Sofa","Medium", 6,"blue");
15        System.out.println(Sofa.furnitureKind);
16        System.out.println(Sofa.furnitureSize);
17        System.out.println(Sofa.quantity);
18        System.out.println(Sofa.color);
19    }
20
21 }
```

C:\Windows\System32\cmd.exe

```
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C:\Users\aa014\OneDrive\Desktop\java\constructor>javac Furniture.java
C:\Users\aa014\OneDrive\Desktop\java\constructor>java Furniture.java
Simple Sofa
Medium
6
blue
C:\Users\aa014\OneDrive\Desktop\java\constructor>
```

Java source file length: 604 lines: 21 Ln: 21 Col: 2 Pos: 605 Windows (CR LF) UTF-8 INS 22°C Smoke 2:02 PM 2/5/2023

```
C:\Users\aa014\OneDrive\Desktop\java\constructor\Restaurant.java - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

1 public class Restaurant {
2     String owner;
3     String nameRestaurant;
4     String location;
5     long contactNo;
6     String salogan;
7     public Restaurant(String owner,String nameRestaurant,long contactNo,String salogan) {
8         this.owner=owner;
9         this.nameRestaurant=nameRestaurant;
10        this.contactNo=contactNo;
11        this.salogan=salogan;
12    }
13
14    public static void main(String[] args) {
15        Restaurant Food=new Restaurant(" Amir Ali"," Rooftop","30028883771","A bite away from you");
16        System.out.println("owner name: "+Food.owner);
17        System.out.println("Restaurant name: "+Food.nameRestaurant);
18        System.out.println("Contact No: "+Food.contactNo);
19        System.out.println("Salogan: "+Food.salogan);
20    }
21
22
23

```

```
C:\Windows\System32\cmd.exe
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C:\Users\aa014\OneDrive\Desktop\java\constructor>javac Restaurant.java
C:\Users\aa014\OneDrive\Desktop\java\constructor>java Restaurant.java
owner name: Amir Ali
Restaurant name: Rooftop
Contact No: 3002888377
Salogan: A bite away from you
C:\Users\aa014\OneDrive\Desktop\java\constructor>

```

```
Java source file
length: 698 lines: 23 Ln: 23 Col: 2 Pos: 699 Windows (CR LF) UTF-8 INS
Type here to search 22°C Smoke 2:12 PM 2/5/2023

C:\Users\aa014\OneDrive\Desktop\java\constructor\shoes.java - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

1 public class shoes {
2     String shoesType;
3     String shoesBrand;
4     int quantity;
5     String shoesColor;
6     int price;
7     public shoes(String shoesType,String shoesBrand,int quantity,String shoesColor, int price) {
8         this.shoesType=shoesType;
9         this.shoesBrand=shoesBrand;
10        this.quantity=quantity;
11        this.shoesColor=shoesColor;
12        this.price=price;
13    }
14    public static void main(String[] args) {
15        shoes Man=new shoes("Sports","Nike",1,"blue",2000);
16        System.out.println("Shoes type: "+Man.shoesType);
17        System.out.println("Shoes Brand: "+Man.shoesBrand);
18        System.out.println("Shoes Color: "+Man.shoesColor);
19        System.out.println("Shoes Quantity: "+Man.quantity);
20        System.out.println("Shoes price: "+Man.price);
21    }
22
23
24
25

```

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19045.2486]
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C:\Users\aa014\OneDrive\Desktop\java\constructor>javac shoes.java
shoes.java:8: error: cannot find symbol
    this.shoesType=shoesType;
    ^
symbol: variable shoesType
1 error
C:\Users\aa014\OneDrive\Desktop\java\constructor>javac shoes.java
C:\Users\aa014\OneDrive\Desktop\java\constructor>java shoes.java
Shoes type: Sports
Shoes Brand: Nike
Shoes Color: blue
Shoes Quantity: 1
Shoes price: 2000
C:\Users\aa014\OneDrive\Desktop\java\constructor>

```

```
C:\Users\aa014\OneDrive\Desktop\java\constructor\Actor.java - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
Actor.java Bike.java Chips.java AreaTriangle.java AreaSphere.java AreaCircle.java Distance.java Table.java Casting.java Laptop.java Furniture.java Restaurant.java Shoes.java Actor.java

1 public class Actor{
2     String filmIndustry;
3     String actorName;
4     String famousMovie;
5     int age;
6     String height;
7     public Actor(String filmIndustry,String actorName,String famousMovie, int age,String height ) {
8         this.filmIndustry=filmIndustry;
9         this.actorName=actorName;
10        this.famousMovie=famousMovie;
11        this.age=age;
12        this.height=height;
13    }
14
15    public static void main(String[] args){
16        Actor Star=new Actor(" Hollywood","Jony Depp","Pirates of caribbean",59," 5 feet 10 inches ");
17
18        System.out.println("actor FilmIndustry: "+Star.filmIndustry);
19        System.out.println("actor Name: "+Star.actorName);
20        System.out.println("actor Famous Movie: "+Star.famousMovie);
21        System.out.println("actor age : "+Star.age);
22        System.out.println("actor Height: "+Star.height);
23    }
24 }
25

C:\Windows\System32\cmd.exe
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C:\Users\aa014\OneDrive\Desktop\java\constructor>javac Actor.java

C:\Users\aa014\OneDrive\Desktop\java\constructor>java Actor.java
actor FilmIndustry: Hollywood
actor Name: Jony Depp
actor Famous Movie: Pirates of caribbean
actor age : 59
actor Height: 5 feet 10 inches

C:\Users\aa014\OneDrive\Desktop\java\constructor>
```

```
C:\Users\aa014\OneDrive\Desktop\java\constructor\Bike.java - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
Actor.java Bike.java Chips.java AreaTriangle.java AreaSphere.java AreaCircle.java Distance.java Table.java Casting.java Laptop.java Furniture.java Restaurant.java Shoes.java Actor.java Bike.java

1 public class Bike{
2     String bikeName;
3     int model;
4     String color;
5     int price;
6     String ownerName;
7     public Bike(String bikeName,int model,String color, int price, String ownerName ) {
8         this.bikeName=bikeName;
9         this.model=model;
10        this.color=color;
11        this.price=price;
12        this.ownerName=ownerName;
13    }
14
15    public static void main(String[] args){
16        Bike Honda=new Bike("CD70",2023,"black",23000,"Amir");
17        System.out.println("Bike Name: "+Honda.bikeName);
18        System.out.println("Owner Name: "+Honda.ownerName);
19        System.out.println("Bike Color: "+Honda.color);
20        System.out.println("Bike Model: "+Honda.model);
21        System.out.println("Price of bike in pkr: "+Honda.price);
22    }
23 }

C:\Windows\System32\cmd.exe
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C:\Users\aa014\OneDrive\Desktop\java\constructor>javac Bike.java

C:\Users\aa014\OneDrive\Desktop\java\constructor>java Bike.java
Bike Name: CD70
Owner Name: Amir
Bike Color: black
Bike Model: 2023
Price of bike in pkr: 23000

C:\Users\aa014\OneDrive\Desktop\java\constructor>
```

```
C:\Users\aa014\OneDrive\Desktop\java\constructor\Chips.java - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
Bike.java Chips.java AreaTriangle.java AreaSphere.java AreaCircle.java Distance.java Table.java Casting.java Laptop.java Furniture.java Restaurant.java shoes.java Actor.java Bike.java Chips.java

1 public class Chips{
2     String chipsBrand;
3     String flavour;
4     String salogan;
5     int price;
6     int quantity;
7     public Chips(String chipsBrand,String flavour,String salogan, int price,int quantity ) {
8         this.chipsBrand=chipsBrand;
9         this.flavour=flavour;
10        this.salogan=salogan;
11        this.price=price;
12        this.quantity=quantity;
13    }
14
15    public static void main(String[] args)
16    {
17        Chips Lays=new Chips(" Pringles "," Chutney Flavour"," Mind Popping! ",50,2);
18        System.out.println("Chips Brand Name: "+Lays.chipsBrand);
19        System.out.println("Chips Flavour: "+Lays.flavour);
20        System.out.println("Chips Salogan: "+Lays.salogan);
21        System.out.println("Chips Quantity: "+Lays.quantity);
22        System.out.println("Price of Chips in pkr: "+Lays.price);
23    }
24 }
25 }
```

```
C:\Windows\System32\cmd.exe
C:\Users\aa014\OneDrive\Desktop\java\constructor>javac Chips.java
C:\Users\aa014\OneDrive\Desktop\java\constructor>java Chips.java
Chips Brand Name: Pringles
Chips Flavour: Chutney Flavour
Chips Salogan: Mind Popping!
Chips Quantity: 2
Price of Chips in pkr: 50
C:\Users\aa014\OneDrive\Desktop\java\constructor>
```

```
Java source file length: 760 lines: 25 Ln: 7 Col: 81 Pos: 185 Windows (CR LF) UTF-8 INS
Type here to search 22°C Smoke 2:54 PM 2/5/2023

C:\Users\aa014\OneDrive\Desktop\java\constructor\Watch.java - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
Chips.java AreaTriangle.java AreaSphere.java AreaCircle.java Distance.java Table.java Casting.java Laptop.java Furniture.java Restaurant.java shoes.java Actor.java Bike.java Chips.java Watch.java

1 public class Watch {
2     int model;
3     String watchBrand;
4     int quantity;
5     String watchColor;
6     int price;
7     public Watch(int model,String watchBrand,int quantity,String watchColor, int price ) {
8         this.model=model;
9         this.watchBrand=watchBrand;
10        this.quantity=quantity;
11        this.watchColor=watchColor;
12        this.price=price;
13    }
14
15    public static void main(String[] args) {
16        Watch Rado=new Watch(2022,"Rado",1, "Gold",300000);
17        System.out.println("Watch Model: "+Rado.model);
18        System.out.println("Brand Watch: "+Rado.watchBrand);
19        System.out.println("Watch Color: "+Rado.watchColor);
20        System.out.println("Watch Quantity: "+Rado.quantity);
21        System.out.println("Watch price: "+Rado.price);
22    }
23 }
24 }
25 }
26 }
```

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19045.2486]
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C:\Users\aa014\OneDrive\Desktop\java\constructor>javac Watch.java
C:\Users\aa014\OneDrive\Desktop\java\constructor>java Watch.java
Watch Model: 2022
Brand Watch: Rado
Watch Color: Gold
Watch Quantity: 1
Watch price: 300000
C:\Users\aa014\OneDrive\Desktop\java\constructor>
```