

Online Java Compiler

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Online Java Compiler

Main.java

```
1 public class variableScopeExample{
2     private static int x=1;
3     private static int y =5;
4     public static void main(String []args){
5         // int y =5;
6
7         System.out.println("Class variable x"+x);
8         System.out.println("Local variable y"+y);
9         someMethod();
10
11     }
12     public static void someMethod(){
13
14         System.out.println("Class variable x fromsomeMethod"+x);
15         System.out.println("Local variable y fromsomeMethod"+y);
16     }
17
18
19 }
```

Run

Output

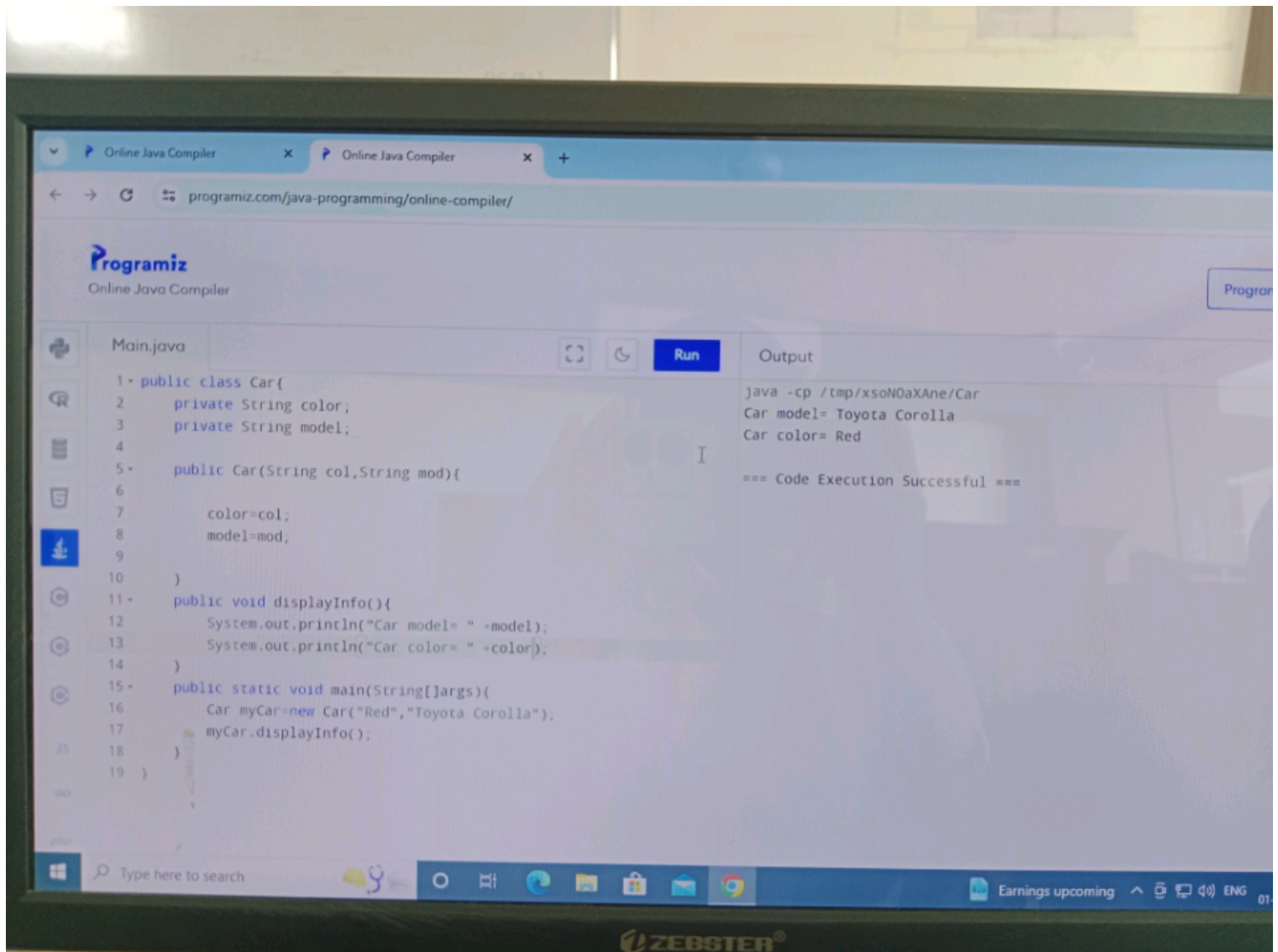
```
java -cp /tmp/26UDeFUHHV/variableScopeExample
Class variable x1
Local variable y5
Class variable x fromsomeMethod1
Local variable y fromsomeMethod5

=== Code Execution Successful ===
```

Type here to search

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ENG

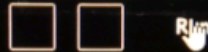


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Main.java



Output

```
1 public class TypeCasting{
2     public static void main(String[] args){
3
4         int myInt=9;
5         double myDouble=myInt;
6
7         System.out.println("Int value"+myInt);
8         System.out.println("Converted to double" +myDouble);
9
10        double anotherDouble=9.78;
11        int anotherInt=(int)anotherDouble;
12
13        System.out.println("Double value"+anotherDouble);
14        System.out.println("Converted to int "+anotherInt);
15
16    }
17 }
```

```
java -cp /tmp/w7SRN0jWxD/TypeCasting
Int value9
Converted to double9.0
Double value9.78
Converted to int 9

=== Code Execution Successful ===
```

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Main.java

Run

```
1 class Vehicle{
2     protected String brand="Ford";
3
4     public void honk(){
5         System.out.println("Tuut,tuut!"); }
6 }
7
8 class Car extends Vehicle{
9     private String modelName="Mustang";
10
11     public void displayModel(){
12         System.out.println("Brand "+brand );
13         System.out.println("Model"+modelName); }
14 }
15 public class Main{
16     public static void main(String[]arg){
17         Car myCar=new Car();
18         myCar.honk();
19         myCar.displayModel(); }
20 }
```

Output

java -cp /tmp/BLkhCKEsqC/Main
Tuut,tuut!
Brand Ford
ModelMustang

=== Code Execution Successful ===

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EN

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HCL

Main.java

☐ ☐ Run

Output

```
1 class Animal{
2     public void sound(){
3         System.out.println("Some sound");}
4 }
5 class Dog extends Animal{
6     @Override
7     public void sound(){
8         System.out.println("woof"); }
9 }
10 class Cat extends Animal{
11     // @Override
12     public void sound(){
13         System.out.println("meow"); }
14 }
15 public class Main{
16     public static void main(String[] args){
17         Animal myAnimal=new Animal();
18         Animal myDog=new Dog();
19         Animal myCat=new Cat();
20 }
```

```
java -cp /tmp/mshpyXQzC4/Main
Some sound
woof
meow
```

=== Code Execution Successful ===

Main.java	<input type="checkbox"/> <input type="checkbox"/> Run	Output
<pre>5 class Dog extends Animal{ 6 @Override 7 public void sound(){ 8 System.out.println("woof"); } 9 } 10 class Cat extends Animal{ 11 // @Override 12 public void sound(){ 13 System.out.println("meow"); } 14 } 15 public class Main{ 16 public static void main(String[] args){ 17 Animal myAnimal=new Animal(); 18 Animal myDog=new Dog(); 19 Animal myCat=new Cat(); 20 21 myAnimal.sound(); 22 myDog.sound(); 23 myCat.sound(); } 24 }</pre>		<pre>java -cp /tmp/mshpyXQzC4/Main Some sound woof meow === Code Execution Successful ===</pre>

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Main.java

☐ ☐ Run

Output

```
1 class AccessSpecifierDemo{
2     public int publicVar=100;
3     private int privateVar=200;
4     protected int protectedVar=300;
5
6     public void display(){
7         System.out.println("Public:"+publicVar);
8         System.out.println("Private:"+privateVar);
9         System.out.println("Protected:"+protectedVar);
10    }
11 }
12 }
13 public class Main{
14     public static void main(String[]args){
15         AccessSpecifierDemo demo=new AccessSpecifierDemo();
16         demo.display();
17         System.out.println(demo.publicVar);
18         //System.out.println(demo.privateVar);
19         // System.out.println(demo.protectedVar); }
20 }
```

```
java -cp /tmp/kv2pnsb9pV/Main
Public:100
Private:200
Protected:300
100
=== Code Execution Successful ===
```

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EN

Closed road on Iti Ro...



HCL



Main.java



Run

Output

```
1 class Car{
2     private String model;
3     private int year;
4
5     public Car(String model,int year){
6         model=model;
7         year=year;
8     }
9
10    public void displayInfo(){
11        System.out.println("Model:"+model);
12        System.out.println("year:"+year);}
13 }
14 public class Main{
15     public static void main(String[]args){
16         Car car1=new Car("toyota corolla",2020);
17         car1.displayInfo();}
18 }
19
20
```

```
java -cp /tmp/wn7JDjdIkX/Main
Model:null
year:0
```

=== Code Execution Successful ===

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