

Java main

Current File

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Promote.java Scope.java IfElse.java AutoArray.java

1 public class AutoArray { // 2310080053

2 public static void main(String[] args) {

3 int[] month\_days = {31, 28, 31, 30, 31, 30, 31, 31, 30, 31, 30, 31};

4 System.out.println("The month of April has " + month\_days[3] + " days.");

5 }

6 }

7

Run AutoArray

↺ ⏏ ⚙

"C:\Program Files\Java\jdk-21\bin\java.exe" "-javaagent:D:\IntelliJ IDEA 2024.1.4\lib\idea\_rt.jar=

The month of April has 30 days.

Process finished with exit code 0

Java > AutoArray

7:1 CRLF UTF-8 4 spaces

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Java main

Current File

Promote.java Scope.java IfElse.java AutoArray.java MultiDimensional.java

1 public class MultiDimensional { // 2310080053

2 public static void main(String[] args) {

3 int twoD[ ][ ] = new int[4][5];

4 int k = 10;

5

6 for(int i=0; i<4; i++) {

7 for(int j=0; j<5; j++) {

8 twoD[i][j] = k;

9 k++;

10 }

11 }

Run MultiDimensional

"C:\Program Files\Java\jdk-21\bin\java.exe" "-javaagent:D:\IntelliJ IDEA 2024.1.4\lib\idea\_rt.jar=

10 11 12 13 14

15 16 17 18 19

20 21 22 23 24

25 26 27 28 29

Process finished with exit code 0

Java &gt; MultiDimensional &gt; main 3:38 CRLF UTF-8 4 spaces



Java main

Current File

Promote.java Scope.java IfElse.java AutoArray.java MultiDimensional.java TwoDAgain.java Matrix.java

1 public class Matrix { // 2310080053

2 public static void main(String[] args) {

3 double m[][] = {

4 { 0\*0, 1\*0, 2\*0, 3\*0},

5 { 0\*1, 1\*1, 2\*1, 3\*1},

6 { 0\*2, 1\*2, 2\*2, 3\*2},

7 { 0\*3, 1\*3, 2\*3, 3\*3},

8 };|

9 for(int i=0; i<4; i++) {

10 for(int j=0; j<4; j++) {

11 System.out.print(m[i][j] + " ");

12 }

Run Matrix

"C:\Program Files\Java\jdk-21\bin\java.exe" "-javaagent:D:\IntelliJ IDEA 2024.1.4\lib\idea\_rt.jar=

0.0 0.0 0.0 0.0

0.0 1.0 2.0 3.0

0.0 2.0 4.0 6.0

0.0 3.0 6.0 9.0

Process finished with exit code 0

Java > Matrix > main 8:11 CRLF UTF-8 4 spaces

Java main

Current File

Promote.java Scope.java IfElse.java AutoArray.java MultiDimensional.java TwoDAgain.java Matrix.java SampleSwitch.java

1 public class IfElse {

2 public static void main(String[] args) {

3 int month = 4;

4 String season;

5

6 if(month == 12 || month == 1 || month == 2) {

7 season = "Winter";

8 }

9 else if (month == 3 || month == 4 || month == 5) {

10 season = "Spring";

11 }

12 else if (month == 6 || month == 7 || month == 8) {

Run IfElse

"C:\Program Files\Java\jdk-21\bin\java.exe" "-javaagent:D:\IntelliJ IDEA 2024.1.4\lib\idea\_rt.jar:-

The given month is in Spring season

Process finished with exit code 0

Java IfElse main



Java main

Current File

Promote.java Scope.java IfElse.java AutoArray.java MultiDimensional.java TwoDAgain.java Matrix.java SampleSwitch.java

```
1 public class SampleSwitch { // 2310080053
2     public static void main(String[] args) {
3         for(int i=0; i<6; i++) {
4             switch (i) {
5                 case 0:
6                     System.out.println("i is a zero.");
7                     break;
8                 case 1:
9                     System.out.println("i is a one.");
10                    break;
11                 case 2:
12                    Svstem.out.println("i is a two.");
```

Run SampleSwitch

"C:\Program Files\Java\jdk-21\bin\java.exe" "-javaagent:D:\IntelliJ IDEA 2024.1.4\lib\idea\_rt.jar=  
i is a zero.  
i is a one.  
i is a two.  
i is a three.  
i is greater than four.  
i is greater than four.

Java > SampleSwitch > main 3:33 CRLF UTF-8 4 spaces

Java main

Current File

Promote.java Scope.java IfElse.java AutoArray.java MultiDimensional.java TwoDAgain.java Matrix.java SampleSwitch.java MissingBreak.java

```
1 public class MissingBreak { // 2310080053
2     public static void main(String[] args) {
3         for(int i=0; i<12; i++) {
4             switch (i) {
5                 case 0:
6                 case 1:
7                 case 2:
8                 case 3:
9                 case 4:
10                case 5:
11                case 6:
12                case 7:
13                case 8:
14                case 9:
15                case 10:
16                case 11:
17            }
```

Run MissingBreak

```
"C:\Program Files\Java\jdk-21\bin\java.exe" "-javaagent:D:\IntelliJ IDEA 2024.1.4\lib\idea_rt.jar=
i is less than 5
i is less than 5
i is less than 5
i is less than 5
i is less than 5
i is less than 10
i is less than 10
i is less than 10
i is less than 10
i is less than 10
i is less than 10
i is greater than or equal to 10.
```

Java MissingBreak main

4:25 CRLF UTF-8 4 spaces

Java main

Current File

Scope.java IfElse.java AutoArray.java MultiDimensional.java TwoDAgain.java Matrix.java SampleSwitch.java MissingBreak.java Comma.java

```
1 public class Comma { // 2310080053
2     public static void main(String[] args) {
3         int a, b;
4
5         for(a=1, b=4; a<b; a++, b--) {
6             System.out.println("a = " + a);
7             System.out.println("b = " + b);
8         }
9     }
10 }
```

Run Comma

```
"C:\Program Files\Java\jdk-21\bin\java.exe" "-javaagent:D:\IntelliJ IDEA 2024.1.4\lib\idea_rt.jar=
a = 1
b = 4
a = 2
b = 3

Process finished with exit code 0
```

Java Comma 1:35 CRLF UTF-8 4 spaces