

Project

Main.kt X

```
1 fun main() {
2     val arr = arrayOf(11, 5, 9, 6, 15, 12, 3, 7)
3     max(arr)
4     min(arr)
5 }
6 fun max(arr: Array<Int>) {
7     var max = arr[0]
8     for(i in 1..(arr.size-1)){
9         if(max < arr[i])
10            max = arr[i]
11    }
12    println("The maximum number is $max")
13 }
14 fun min(arr: Array<Int>){
15     var min = arr[0]
16     for(i in 1..(arr.size-1)){
17         if(min > arr[i])
18             min = arr[i]
19    }
20    println("The minimum number is $min") I
21 }
```

Run: MainKt X

"C:\Program Files\Java\jdk-13.0.1\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2020.3.1\lib\idea_rt.jar=5303:C:\Program Files\JetBrains\IntelliJ IDEA 2020.3.1\bin"

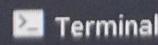
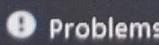
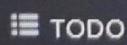
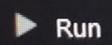
The maximum number is 15

The minimum number is 3

Process finished with exit code 0

Structure

Favorites



Build completed successfully in 7 sec, 770 ms (a minute ago)



Type here to search



File Edit View Navigate Code Refactor Build Run Tools VCS Window Help Kotlin_1 - Main.kt

n_1 > src > main > kotlin > Main.kt

Main.kt ×

```
fun sum(x: Int, y: Int) = x + y
fun sum(x: Double, y: Double) = x + y
fun main() {
    println("The sum of two integers is ${sum( x: 12, y: 15)}")
    println("The sum of two floats is ${sum( x: 25.5, y: 15.0)}")
```

Run: MainKt ×

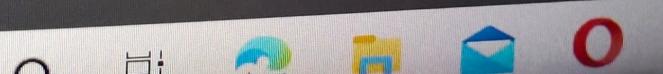
```
"C:\Program Files\Java\jdk-13.0.1\bin\java.exe" "-javaagent:C:\Program File
The sum of two integers is 27
The sum of two floats is 40.5

Process finished with exit code 0
```



Run TODO Problems Terminal Build

Build completed successfully in 7 sec, 413 ms (5 minutes ago)



File Edit View Navigate Code Refactor Build Run Tools VCS Window Help Kotlin_1 - M

Kotlin_1 > src > main > kotlin > Main.kt

Main.kt

```
1 fun gcdOf(a: Int, b: Int): Int{  
2     var gcd = 1  
3     var i = 1  
4     while(i <= a && i <= b){  
5         if(a % i == 0 && b % i == 0)  
6             gcd = i  
7         i++  
8     }  
9     return gcd  
10 }  
11  
12 fun main(){  
13     val result = gcdOf(12, 6)  
14     println("The GCD of 12 and 6 is $result")  
15 }
```

Run: MainKt

"C:\Program Files\Java\jdk-13.0.1\bin\java.exe" "-javaagent:C:\Program

The GCD of 12 and 6 is 6

Process finished with exit code 0

Project Structure Favorites

Main.kt

```
fun calculateOf(p: Int, t: Int, r: Int): Int{
    val simpleInterest = (p*t*r)/100
    return simpleInterest
}

fun main(){
    print("Enter the principal amount: ")
    val a = readLine()?.toInt()
    print("Enter the time: ")
    val b = readLine()?.toInt()
    print("Enter the rate: ")
    val c = readLine()?.toInt()
    if(a != null && b != null && c != null){
        val result = calculateOf(a,b,c)
        print("Simple Interest: $result")
    }
}
```

MainKt

```
"C:\Program Files\Java\jdk-13.0.1\bin\java.exe" "-javaagent"
Enter the principal amount: 5000
Enter the time: 1
Enter the rate: 15
Simple Interest: 750
Process finished with exit code 0
```