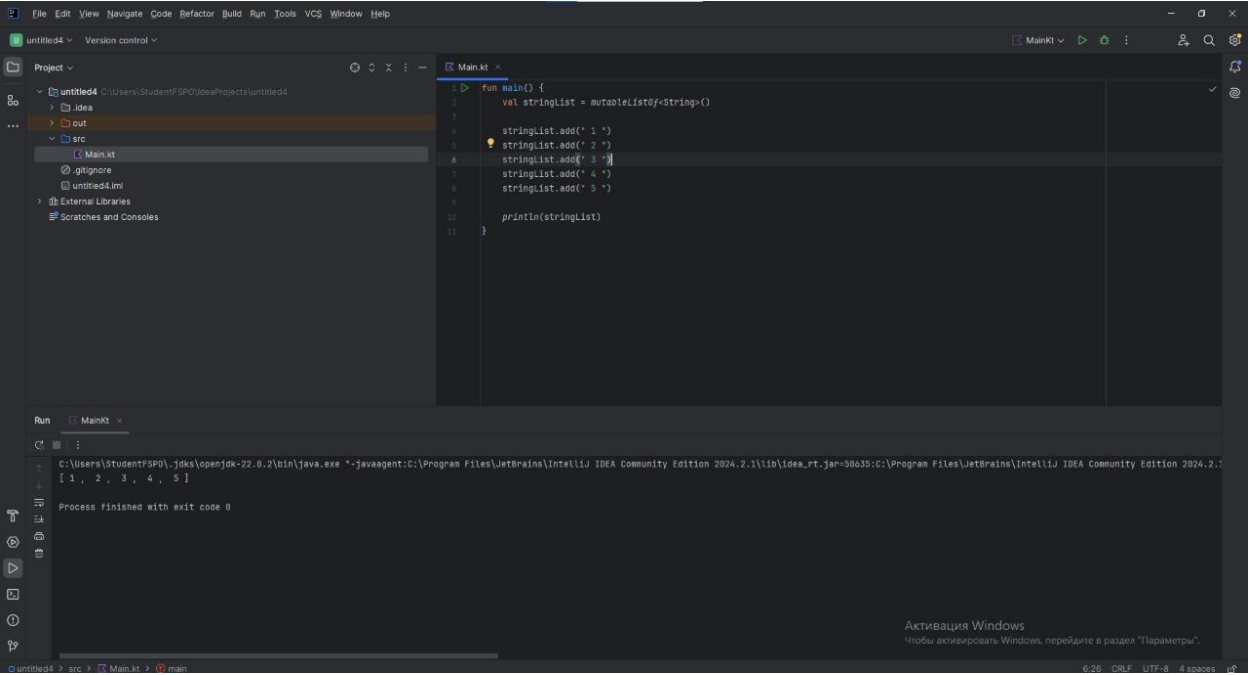
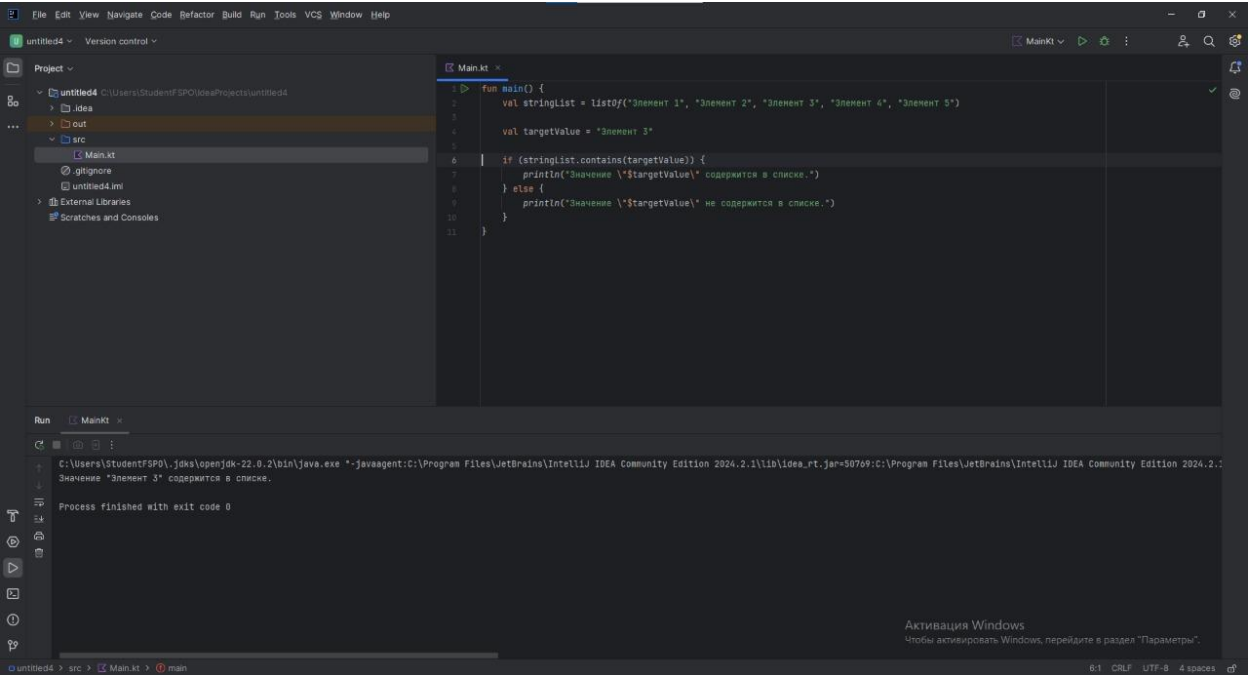


1)



2)



3)

The screenshot shows the IntelliJ IDEA interface with a project named 'untitled4'. The 'Project' view on the left shows the file structure: 'src' > 'Main.kt'. The 'Main.kt' file is open in the editor, showing the following code:

```
1 fun main() {  
2     val intList = listOf(10, 20, 30, 40, 50)  
3  
4     for (number in intList) {  
5         println(number)  
6     }  
7 }
```

The 'Run' view at the bottom shows the execution output:

```
C:\Users\Student\SPb\jdk\openjdk-22.0.2\bin\java.exe -javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2024.2.1\lib\idea_rt.jar=50878:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2024.2.1  
10  
20  
30  
40  
50  
Process finished with exit code 0
```

The status bar at the bottom indicates the file encoding is UTF-8 and the line ending is CRLF.

4)

The screenshot shows the IntelliJ IDEA interface with the same project 'untitled4'. The 'Project' view on the left shows the file structure: 'src' > 'Main.kt'. The 'Main.kt' file is open in the editor, showing the following code:

```
1 fun main() {  
2     val intList = listOf(30, 20, 40, 10, 50)  
3  
4     val sortedList = intList.sorted()  
5  
6     println("Отсортированный список: $sortedList")  
7 }
```

The 'Run' view at the bottom shows the execution output:

```
C:\Users\Student\SPb\jdk\openjdk-22.0.2\bin\java.exe -javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2024.2.1\lib\idea_rt.jar=51878:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2024.2.1  
Отсортированный список: [10, 20, 30, 40, 50]  
Process finished with exit code 0
```

The status bar at the bottom indicates the file encoding is UTF-8 and the line ending is CRLF.

5)

The screenshot shows the IntelliJ IDEA interface with a project named 'untitled4'. The 'Project' view on the left shows the file structure: 'src' > 'Main.kt'. The 'Main.kt' file is open in the editor, showing the following code:

```
1 fun main() {  
2     val intList = listOf(1, 2, 3, 4, 5, 6, 7, 8, 9, 10)  
3  
4     val evenList = intList.filter { it % 2 == 0 }  
5  
6     println("Список четных чисел: $evenList")  
7 }
```

The 'Run' view at the bottom shows the command executed: `C:\Users\Student\FSP0\jdk\openjdk-22.0.2\bin\java.exe -javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2024.2.1\lib\idea_rt.jar=51316:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2024.2.1`. The output is: `Список четных чисел: [2, 4, 6, 8, 10]`. The process finished with exit code 0.

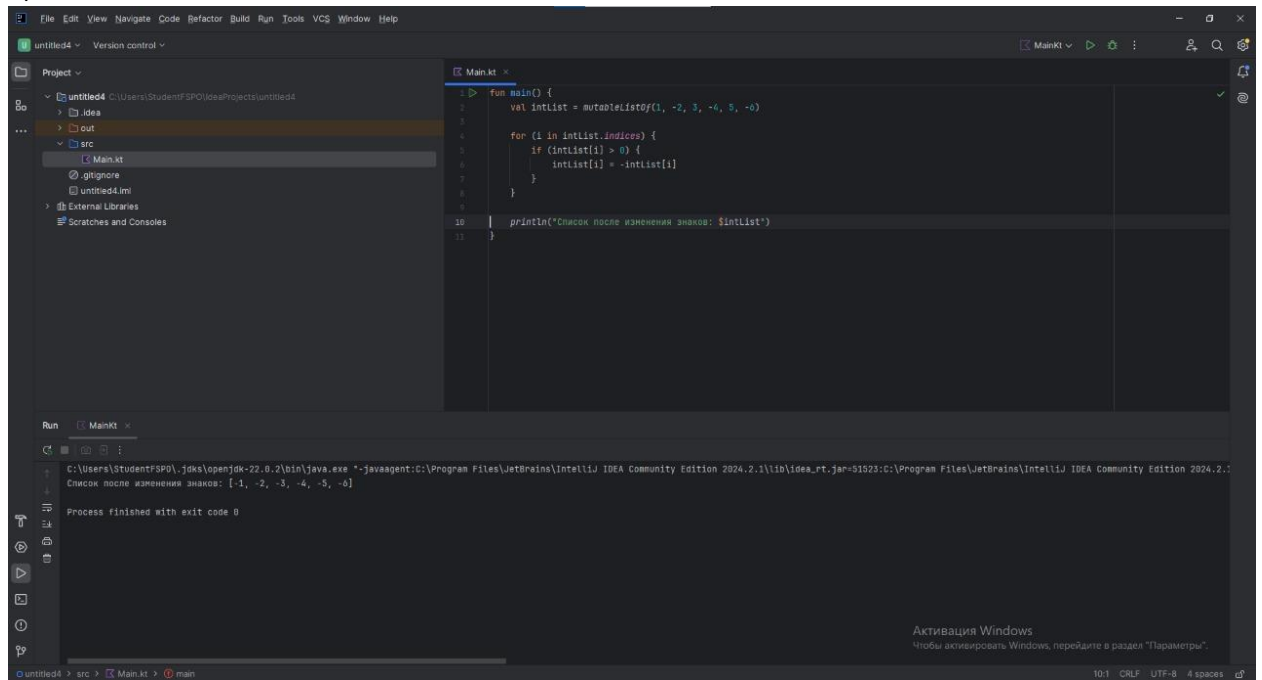
6)

The screenshot shows the IntelliJ IDEA interface with a project named 'untitled4'. The 'Project' view on the left shows the file structure: 'src' > 'Main.kt'. The 'Main.kt' file is open in the editor, showing the following code:

```
1 fun main() {  
2     val stringList = listOf('apple', 'banana', 'apricot', 'orange', 'avocado')  
3  
4     val targetLetter = 'a'  
5  
6     val count = stringList.count { it.startsWith(targetLetter, ignoreCase = true) }  
7  
8     println("Количество элементов, начинающихся с буквы '$targetLetter': $count")  
9 }
```

The 'Run' view at the bottom shows the command executed: `C:\Users\Student\FSP0\jdk\openjdk-22.0.2\bin\java.exe -javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2024.2.1\lib\idea_rt.jar=51432:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2024.2.1`. The output is: `Количество элементов, начинающихся с буквы 'a': 3`. The process finished with exit code 0.

7)



8)

