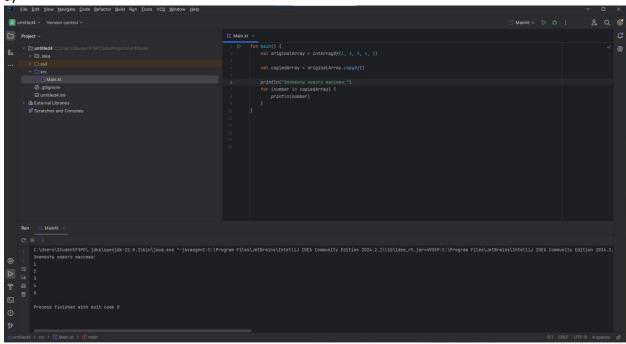
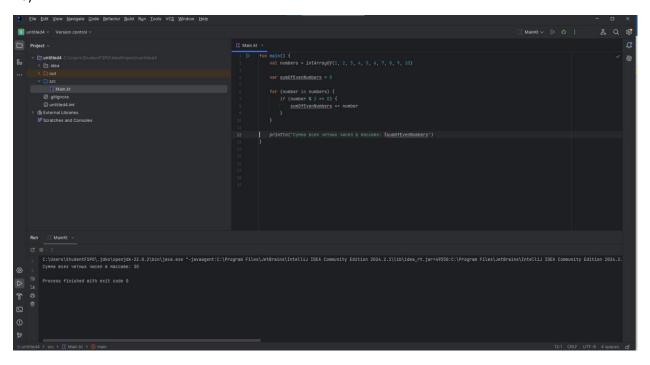
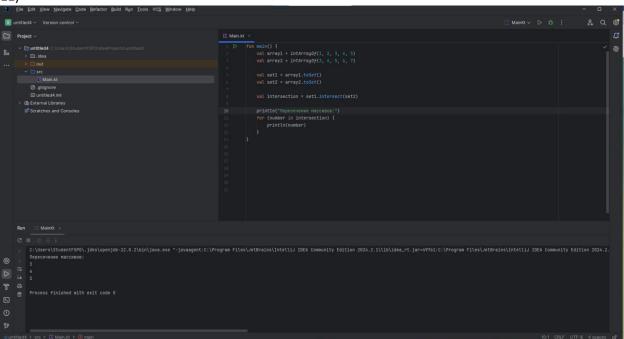
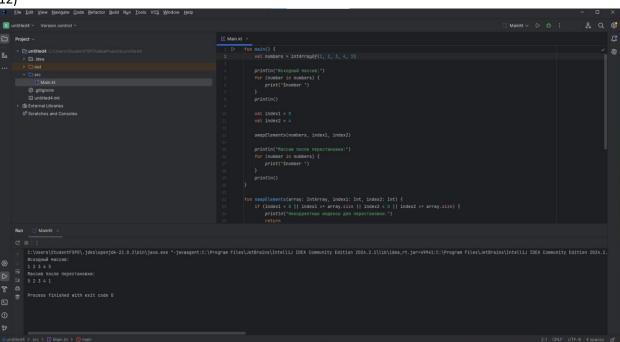


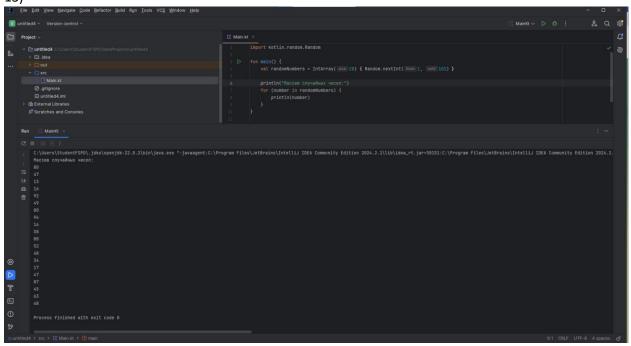
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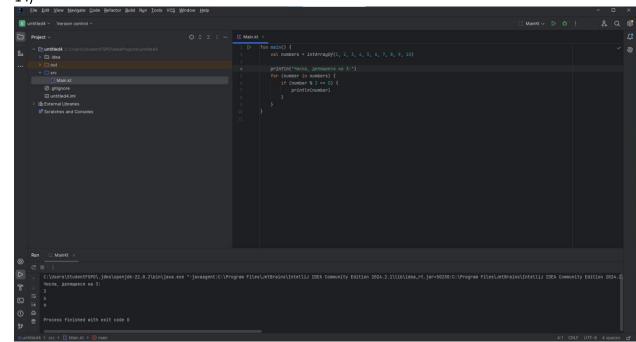


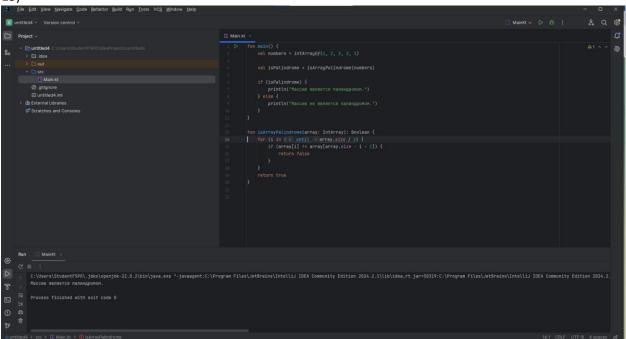


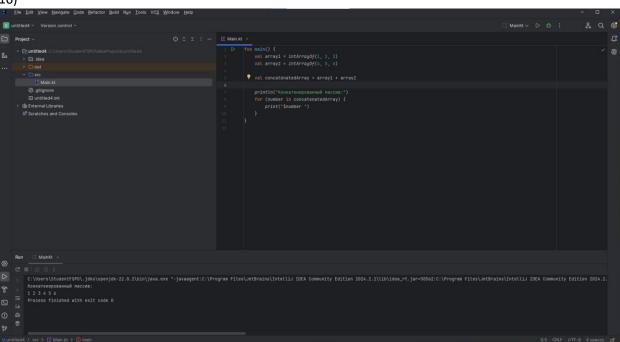


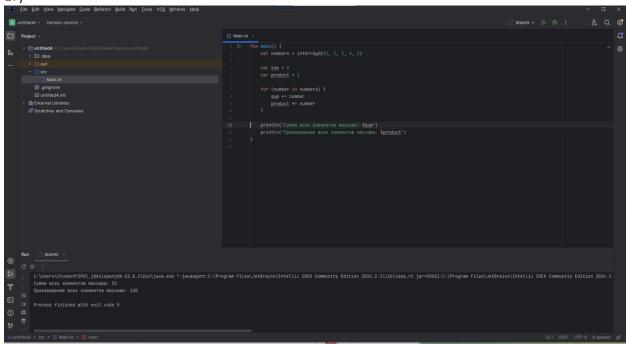


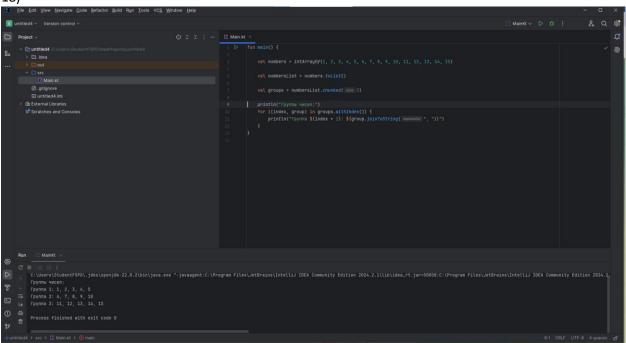












```
19) fun main() {
    val array1 = intArrayOf(1, 3, 5, 7, 9)
    val array2 = intArrayOf(2, 4, 6, 8, 10)

    val mergedArray = mergeSortedArrays(array1, array2)

    println("Слитый отсортированный массив:")
    for (number in mergedArray) {
        print("$number ")
    }
}

fun mergeSortedArrays(array1: IntArray, array2: IntArray): IntArray {
    val result = IntArray(array1.size + array2.size)
    var i = 0
```

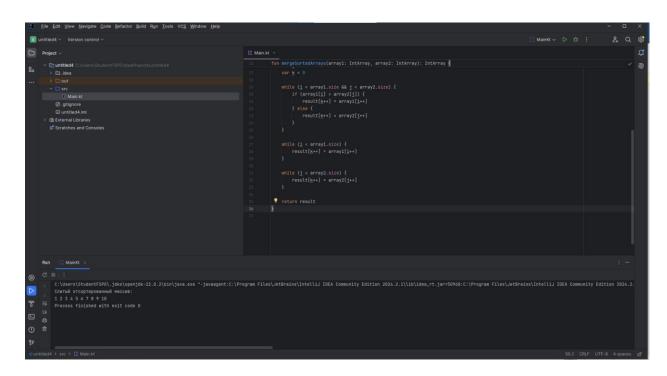
```
var j = 0
var k = 0

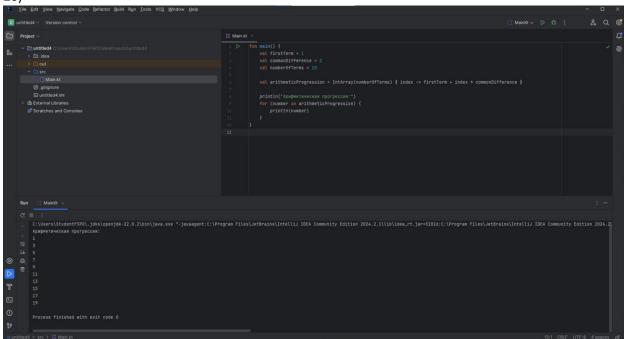
while (i < array1.size && j < array2.size) {
    if (array1[i] < array2[j]) {
        result[k++] = array1[i++]
    } else {
        result[k++] = array2[j++]
    }
}

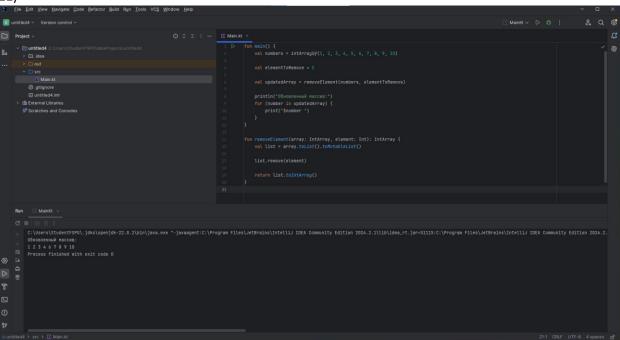
while (i < array1.size) {
    result[k++] = array1[i++]
}

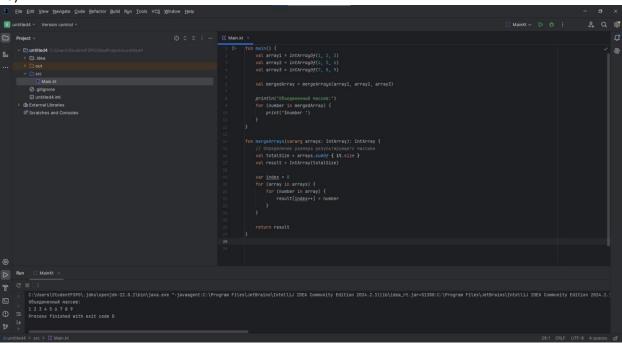
while (j < array2.size) {
    result[k++] = array2[j++]
}

return result
}</pre>
```









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