```
println(r)
println("\n4)")
val number = readLine()?.toIntOrNull()
```

```
i2++
    i1++
   val fibonacciNumbers = generateFibonacci(n)
    fibonacci.add(nextNumber)
return fibonacci.take(n2)
val number1 = readLine()?.toIntOrNull()
    val gcd = findGCD(number1, number2)
```

```
println("\n9)")
val inputString = readLine()
if (!inputString.isNullOrEmpty()) {
    println("Строка в обратном порядке: $reversedString")
val number8 = readLine()?.toIntOrNull()
   var tempNumber = number8
   println("Ошибка: Введены некорректные данные.")
```

```
return sortedStr1 == sortedStr2
val start = readLine()?.toIntOrNull()
val count = readLine()?.toIntOrNull()
   val sequence = generateSequence(start) { it + step }.take(count)
    sequence.forEach { print("$it ") }
   println("$i\t| $square")
val input = readLine()
if (input != null) {
    if (isPalindrome(input)) {
```

```
sum += i.toLong() * i.toLong()
    val result = sumOfSquares(n)
println("\n17)")
val array = intArrayOf(23, 45, 12, 78, 34, 56)
        if (array[j] > array[j + 1]) {
           array[j] = array[j + 1]
           array[j + 1] = temp
println("Отсортированный массив: ${array.contentToString()}")
```

```
println("\n20)")
    if (isPrime(num)) {
println("\n21)")
val year = readLine()!!.toInt()
val yearMonth = YearMonth.of(year, month)
val lastDayOfMonth = yearMonth.atEndOfMonth()
println("Все даты в месяце $month/$year:")
for (day in firstDayOfMonth..lastDayOfMonth) {
\overline{\text{var attemp}}ts = 0
    attempts++
    if (guess < secretNumber) {</pre>
```

```
} else if (guess > secretNumber) {
        println("Поздравляю! Вы угадали число за $attempts попыток.")
} while (guess != secretNumber)
var continueOperation = true
var operation: String
while (continueOperation) {
    firstNumber = readLine()!!.toInt()
    secondNumber = readLine()!!.toInt()
    operation = readLine()!!.toLowerCase()
    when (operation) {
         "сложение" -> println("Результат сложения: ${firstNumber +
            continueOperation = false
val matrix = arrayOf(
    intArrayOf(1, 2, 3),
intArrayOf(4, 5, 6),
intArrayOf(7, 8, 9)
val transposedMatrix = transposeMatrix(matrix)
for (row in transposedMatrix) {
   return emptyArray()
```

```
val transposed = Array(cols) { IntArray(rows) }
        transposed[j][i] = matrix[i][j]
return transposed
val n = readLine()?.toIntOrNull()
   var sumEven = 0 // Сумма четных чисел
   var sumOdd = 0 // Сумма нечетных чисел
           sumEven += i // Если число четное, добавляем к сумме четных
val n = readLine()!!.toInt()
   val numbers = mutableListOf<Int>() // Список для хранения чисел
```

```
val number5 = readLine()?.toIntOrNull()
                numbers.add(number5) // Добавляем число в список
       numbers.forEach { print("$it ") }
   val n4 = readLine()?.toIntOrNull()
       for (i in 1..n4) {
   val number6 = readLine()?.toIntOrNull()
fun Int.toBinaryString(): String {
```