

Проверка на чётность\нечётность

```
GNU nano 6.2
#!/bin/bash

checkEvenOdd() {
    number=$1

    if ((number % 2 == 0)); then
        echo "Чётное"
    else
        echo "Нечётное"
    fi
}

checkEvenOdd "$1"
```

```
nikita@DESKTOP-BNU31HG:~$ ./zad01.sh 8
Чётное
nikita@DESKTOP-BNU31HG:~$ ./zad01.sh 7
Нечётное
```

Делится на эти числа или нет

```
GNU nano 6.2
#!/bin/bash

isDivisible() {
    n=$1
    x=$2
    y=$3

    if ((n % x == 0)) && ((n % y == 0)); then
        echo "true because $n is divisible by $x and $y"
    else
        echo "false because $n is not divisible by $x and $y"
    fi
}

result=$(isDivisible 3 1 3)
echo "1) n = 3, x = 1, y = 3 => $result"

result=$(isDivisible 12 2 6)
echo "2) n = 12, x = 2, y = 6 => $result"

result=$(isDivisible 100 5 3)
echo "3) n = 100, x = 5, y = 3 => $result"

result=$(isDivisible 12 7 5)
echo "4) n = 12, x = 7, y = 5 => $result"
```

```
nikita@DESKTOP-BNU31HG:~$ ./zad02.sh
```

- 1) $n = 3$, $x = 1$, $y = 3 \Rightarrow$ true because 3 is divisible by 1 and 3
- 2) $n = 12$, $x = 2$, $y = 6 \Rightarrow$ true because 12 is divisible by 2 and 6
- 3) $n = 100$, $x = 5$, $y = 3 \Rightarrow$ false because 100 is not divisible by 5 and 3
- 4) $n = 12$, $x = 7$, $y = 5 \Rightarrow$ false because 12 is not divisible by 7 and 5