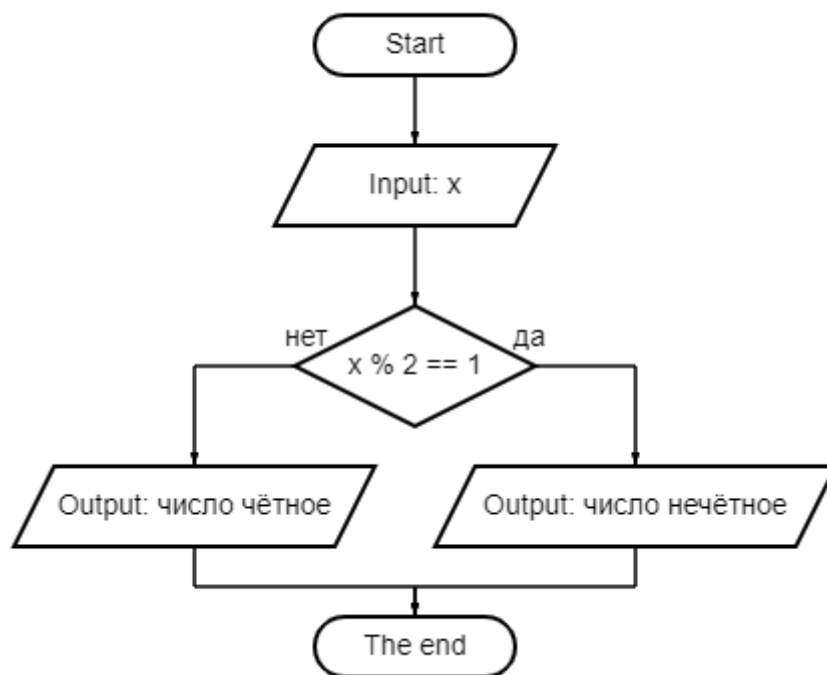


## Алгоритм 1:

```
int x;  
cin >> (x);  
if (x % 2 == 1) {  
    cout << "число нечётное" << endl;  
}  
else {  
    cout << "число чётное" << endl;  
}
```



## Алгоритм 2:

```
int x;
```

```
double a, b, c, r;
```

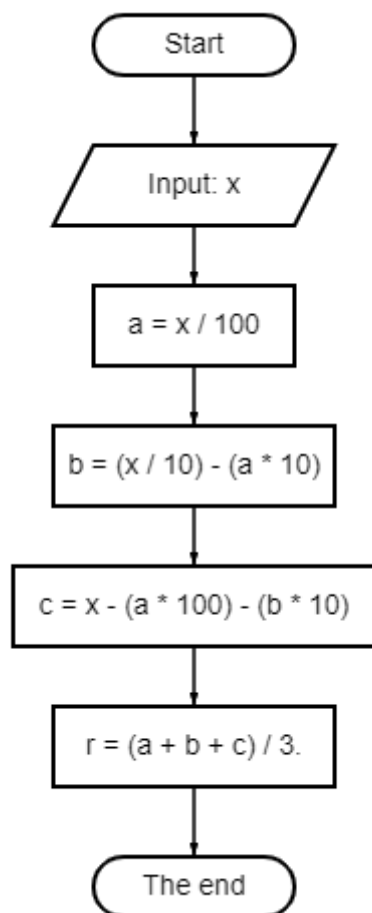
```
a = x / 100;
```

```
b = (x / 10) - (a * 10);
```

```
c = x - (a * 100) - (b * 10);
```

```
r = (a + b + c) / 3.;
```

```
cout << r << endl;
```



### Алгоритм 3:

```
long int n, a, i = 0, s = 0;  
cin >> n;  
while (n != 0) {  
    if (n % 2 == 1) s += pow(10, i);  
    n /= 2;  
    i++;  
}  
cout << s;
```

