

Программирование на языке C#

Циклы **for** и **while**




```
for (initializer; condition; iterator)
    body
```

```
int b = 3;
    int res = 0;
for (int i = 1; i < 10; i++)
{
    res=b*i;
    Console.WriteLine(res);
}
```

```
3
6
9
12
15
18
21
24
27
```

While (условие) body

```
byte a = 3, i = 0;  
    int result = 1;  
    while (i < 10)  
    {  
        i++;  
        result *= a;  
        Console.WriteLine("{0} ^ {1} = {2}", a, i, result);  
    }
```



3	^	1	=	3
3	^	2	=	9
3	^	3	=	27
3	^	4	=	81
3	^	5	=	243
3	^	6	=	729
3	^	7	=	2187
3	^	8	=	6561
3	^	9	=	19683
3	^	10	=	59049