

```
1      #include <stdio.h>
2      #include <stdlib.h>
3
4      int main()
5      {
6          float i;
7          i=5/2;
8          i++;
9          ++i;
10         i*=10;
11         printf ("%f\n", i++);
12         printf ("%f\n", ++i);
13         return 0;
14     }
15
```

# Результаты работы

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      float i;
7      i=5/2;
8      i++;
9      ++i;
10     i*=10;
11     printf ("%f\n", i++);
12     printf ("%f\n", ++i);
13     return 0;
14 }
15
```

C:\ D:\CodeBlocs\test1\bin\Debug\test1.exe

```
40.000000
42.000000
```

```
Process returned 0 (0x0)   execution time : 0.016 s
Press any key to continue.
```

```
1      #include <stdio.h>
2      #include <stdlib.h>
3
4      int main()
5      {
6          float i, a=5, b=2;
7          i=a/b;
8          i++;
9          ++i;
10         i*=10;
11         printf ("%f\n", i++);
12         printf ("%f\n", ++i);
13         return 0;
14     }
15
```

# Результаты работы

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      float i,a=5,b=2;
7      i=a/b;
8      i++;
9      ++i;
10     i*=10;
11     printf("%f\n",i++);
12     printf("%f\n",++i);
13     return 0;
14 }
15
```

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```
45.000000
47.000000
```

```
Process returned 0 (0x0)   execution time : 0.016 s
Press any key to continue.
```

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      int a,b,c;
7      char op;
8      printf( " Input a op b\n" );
9      scanf( "%d ", &a );
10     scanf( "%c ", &op );
11     scanf( "%d ", &b );
12     switch( op )
13     {
14         case '+': c=a+b;
15         case '-': c=a-b;
16         case '*': c=a*b;
17         case '/': c=a/b;
18     }
19     printf( "%d ", c );
20 }
```

**ВВОДИМ:  
10+5  
Что увидим?**

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      int a,b,c;
7      char op;
8      printf( " Input a op b\n");
9      scanf("%d ", &a);
10     scanf("%c ", &op);
11     scanf("%d ", &b);
12     switch(op)
13     {
14         case '+': c=a+b;
15         case '-': c=a-b;
16         case '*': c=a*b;
17         case '/': c=a/b;
18     }
19     printf("%d ", c);
20 }
21
```

C:\ D:\CodeBlok\test1\bin\Debug\test1.exe

Input a op b

10 + 5 =

2

Process returned 2 (0x2) execution time : 12.504 s

Press any key to continue.

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      int a,b,c;
7      char op;
8      printf( " Input a op b\n");
9      scanf("%d ", &a);
10     scanf("%c ", &op);
11     scanf("%d ", &b);
12     switch(op)
13     {
14         case '+': c=a+b; break;
15         case '-': c=a-b; break;
16         case '*': c=a*b; break;
17         case '/': c=a/b; break;
18         default: printf("ERROR!\n");
19     }
20     printf("%d ",c);
21 }
22
```

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Input a op b

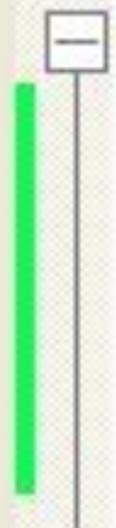
10 + 5 =

15

Process returned 3 (0x3) execution time : 17.619 s

Press any key to continue.

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      int i;
7      for (i=0; i<10; i+=3)
8          printf("%d ", i++);
9      return 0;
10 }
11
```



Что на  
экране?

Что на  
экране?

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      int i;
7      for (i=0; i<10; i+=3)
8          printf("%d ", i++);
9      return 0;
10 }
11
```

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0 4 8

Process returned 0 (0x0) execution time : 0.016 s  
Press any key to continue.

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main()
5  {
6      int i;
7      for (i=1; i<10; i+=3)
8          printf("%d", ++i);
9      return 0;
10 }
11
```

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```
2610
Process returned 0 (0x0)   execution time : 0.016 s
Press any key to continue.
```

```
1      #include <stdio.h>
2      #include <stdlib.h>
3
4      int main()
5      {
6          int i;
7          for (i=5; i<10; i+=3);
8              printf ("%d", ++i);
9          return 0;
10     }
11
```



```
1      #include <stdio.h>
2      #include <stdlib.h>
3
4      int main()
5      {
6          int i;
7          for (i=5; i<10; i+=3);
8              printf("%d", ++i);
9          return 0;
10     }
11
```

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12

Process returned 0 (0x0) execution  
Press any key to continue.

```
1      #include <stdio.h>
2      #include <stdlib.h>
3
4      int main()
5      {
6          unsigned char i;
7          for (i=255; i<256; i++)
8              printf ("%d\n", i);
9          return 0;
10     }
```



```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main()
5 {
6     unsigned char i;
7     for (i=255; i<256; i++)
8         printf("%d\n", i);
9     return 0;
10 }
11
```

### Watches (new)

Function	
Locals	
i	2 '\002'

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```
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
0
1
2
```

```
1      #include <stdio.h>
2      #include <stdlib.h>
3
4      int main()
5      {
6          int i, j;
7          for (i=1; i<10; i++)
8              for (j=1; j<3; j++)
9                  printf ("%d", i++);
10         return 0;
11     }
```



```
1      #include <stdio.h>
2      #include <stdlib.h>
3
4      int main()
5      {
6          int i, j;
7          for (i=1; i<10; i++)
8              for (j=1; j<3; j++)
9                  printf ("%d", i++);
10         return 0;
11     }
12
```

C:\> D:\CodeBlokstest1\bin\Debug\test1.exe

124578

Process returned 0 (0x0) execution  
Press any key to continue.

```
1  int *p1, *p2;  
2  *p1=5;  
3  p1=(int*) malloc (sizeof(int));  
4  p2=p1;  
5  *p1=10;  
6  free(p1);  
7  *p2=20;  
8  free(p2);  
9  
10
```

```
1 | #include <stdio.h>
2 | #include <stdlib.h>
3 | int ocenka(int, int);
4 | int main()
5 | {
6 |     int i=3, j=2;
7 |     ocenka(i, j);
8 |     printf("Vasha ocenka %d\n", j);
9 |     return 0;
10| }
11| int ocenka(int a, int b)
12| {
13|     b+=a;
14|     return b;
15| }
16|
```

```
1  #include <stdio.h>
2  #include <stdlib.h>
3  int  oценка (int, int);
4  int  main()
5  {
6      int  i=3, j=2;
7      oценка (i, j);
8      printf ("Vasha oценка %d\n", j);
9      return 0;
10 }
11 int  oценка (int a, int b)
12 {
13     b+=a;
14     return b;
15 }
16
```

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Vasha oценка 2

```
1  #include <stdio.h>
2  #include <stdlib.h>
3  int  oценка (int, int*);
4  int  main()
5  {
6      int  i=3, j=2;
7      oценка (i, &j);
8      printf ("Vasha oценка %d\n", j);
9      return 0;
10 }
11 int  oценка (int  a, int  *b)
12 {
13     *b+=a;
14     return  *b;
15 }
16
```

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Vasha oценка 5







