

main.c [project2] - Code::Blocks 20.03

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```
1 #include <stdio.h>
2
3 int main(void)
4 {
5     int integerVar = 100;
6     float floatingVar = 331.79;
7     double doubleVar = 8.44e+11;
8     char charVar = 'W';
9
10    _Bool boolVar = 0;
11
12    printf ("integerVar = %i\n", integerVar);
13    printf ("floatingVar = %f\n", floatingVar) ;
14    printf ("doubleVar = %e\n", doubleVar) ;
15    printf ("doubleVar = %g\n", doubleVar) ;
16    printf ("charVar = %c\n", charVar);
17
18    printf ("boolVar = %i\n", boolVar) ;
19
20
21 }
22
```

C:\Users\Student\Desktop\lab final\project2\bin\Debug\project2

```
integerVar = 100
floatingVar = 331.79009
doubleVar = 8.440000e+011
doubleVar = 8.44e+011
charVar = W
boolVar = 0

Process returned 0 (0x0)   execution time : 0.012 s
Press any key to continue.
```

C:\Users\Student\Desktop\lab final\project2\main.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 16, Col 25, Pos 403 Insert Read/Write default 34°C மீறுவதையில்லை ENG 16:05 19/1/2026

2. Which of the following are invalid variable names? Why?

[Click here to view code image](#)

6813017 ນຸທິກາ ອົງສໂຈຕະລາວ

✓ Int

ເປັນຄໍາສັງລະນີ

xchar

x6\_05 → ຕັ້ງຈຳຫຼັກສົດໆຂອງຄວັມຮັບຮັດທີ່ຈຳນັກ

✓ Calloc

✓ Xx

✓ alpha\_beta\_routine

✓ floating

✓ \_1312

✓ z

✓ ReInitialize

✓ \_

✗ A\$ → ຂໍາງຈີ່ຕັດວິທະຍາບີ່ເດືອນ

3. Which of the following are invalid constants? Why?

[Click here to view code image](#)

ເລີນວ່າມາດຕັ້ງຈຳເປົ້າໃຫຍ່

123.456

0x10.5

0X0G1 → ກ່ານໃຫ້ເລີນວ່າມາດຕັ້ງຈຳ

0001

໧ໜັກນູ່

0xFFFF

123L

0Xab05

ຖົງແກ່ອະນຸມັງ

0L

-597.25 → (-) ກ່ານໃຫ້ສ່ວນນັ້ງຈະ literal

123.5e2

ໄນ້ໄດ້

.0001

+12 → (+) ກ່ານໃຫ້ສ່ວນນັ້ງຈະ literal

98.6F

ໄນ້ໄດ້

98.7U

17777s → ໄກສົງໄນກາຍາC

0996

ໄນ້ໄດ້

-12E-12

07777

1234uL

ໄນ້ໄດ້

1.2Fe-7

15,000 → ໄກສົງນ້າຍາ, ໄນໄດ້

1.234L

ໄນ້ໄດ້

197u

100U

0XABCDEFL

ໄນ້ໄດ້

0xabcu

+123

ຮັບຮັດ  
ເລີນ



## &lt;global&gt;

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## main.c

## main(void) : int

## main.c X

## main.c X

```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main(void)
5 {
6     int i = 256;
7     int j = 7;
8     int Next_multiple = i + j - i % j;
9     printf ("Next_multiple = %i\n", Next_multiple);
10    return 0;
11 }
12 }
```

```
"C:\Users\Student\Desktop\lab final\project2.2\bin\Debug\project...
Next_multiple = 259
Process returned 0 (0x0) execution time : 0.015 s
Press any key to continue.
```

main.c [project2.2] - Code::Blocks 20.03

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Sources main.c

main.c

```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main(void)
5 {
6     int i = 365;
7     int j = 7;
8     int Next_multiple = i + j - i % j;
9     printf ("Next_multiple = %i\n", Next_multiple);
10    return 0;
11 }
12
```

"C:\Users\Student\Desktop\lab final\project2.2\bin\Debug\project2.2.exe"

Next multiple = 371

Process returned 0 (0x0) execution time : 0.009 s

Press any key to continue.

C:\Users\Student\Desktop\lab final\project2.2\main.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 10, Col 14, Pos 201 Insert Read/Write default 33°C மீட்கள்விடை ENG 19/1/2026



## &lt;global&gt;

## Management

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main.c

## main(void) : int

main.c X

main.c X

```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main(void)
5 {
6     int i = 12250;
7     int j = 23;
8     int Next_multiple = i + j - i % j;
9     printf ("Next_multiple = %i\n", Next_multiple);
10    return 0;
11 }
12 }
```

```
"C:\Users\Student\Desktop\lab final\project2.2\bin\Debug\project2.2.exe" - 
Next multiple = 12259
Process returned 0 (0x0) execution time : 0.017 s
Press any key to continue.
=
```



## &lt;global&gt;

## Management

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main.c

```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main(void)
5 {
6     int i = 996;
7     int j = 4;
8     int Next_multiple = i + j - i % j;
9     printf ("Next_multiple = %i\n", Next_multiple);
10    return 0;
11 }
12
```

```
"C:\Users\Student\Desktop\lab final\project2.2\bin\Debug\project2.2.exe"
Next multiple = 1000
Process returned 0 (0x0) execution time : 0.029 s
Press any key to continue.
```