



Management

Projects Files FSymbols Resources

Workspace
project2
Sources
main.c

main.c x

```
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     return 0;
21 }
22
```

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

```
integerVar = 100
floatingVar = 331.790009
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.
```

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

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6813017 มุกิตา จรัสโชติพิสิตร

✓ Int	เปลี่ยนชื่อ	xchar	x6_05 → ตัวงขึ้นต้นด้วยตัวอักษรทำงั้น
✓ Calloc		✓ Xx	✓ alpha_beta_routine
✓ floating		✓ _1312	✓ z
✓ ReInitialize		✓ _	✗ A\$ → มีตัวอักษรที่ไม่ใช่

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

[Click here to view code image](#)

123.456	เลขทศนิยม	0x10.5	0X0G1 → G ไม่ใช่เลขฐาน 16
0001	✓ ใช้กับ	0xFFFF	123L
0Xab05	จำนวนจริง	0L	-597.25 → (-) ไม่ใช่ส่วนหนึ่งของ literal
123.5e2	✓ ใช้กับ	.0001	+12 → (+) ไม่ใช่ส่วนหนึ่งของ literal
98.6F	✓ ใช้กับ	98.7U	17777s → ไม่ใช่ s ในภาษา C
0996	✓ ใช้กับ	-12E-12	07777
1234uL		1.2Fe-7	15,000 → ใช้เครื่องหมาย, ไม่ได้
1.234L		197u	100U
0XABCDEFLL		0xabcu	+123

จำนวนไม่มีเลขทศนิยม



<global> main(void) : int

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main.c

```
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.
```



<global> main(void) : int

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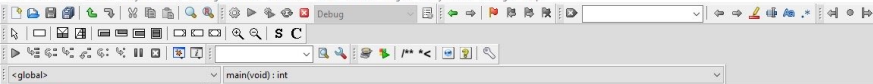
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main.c

```
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.
```



Management

Projects Files FSymbols Resources

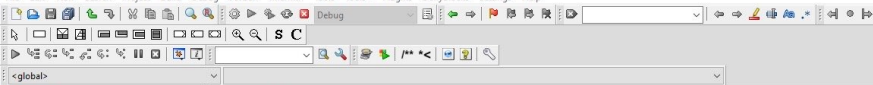
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main.c x main.c x
main(void): int

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  int main(void)
5  {
6      int i = 12258;
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.
```



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main.c

main.c x main.c x

```
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.