

COL 100

Last Class:-Karel 1- Robot

L

#include &lt;iostream&gt;

using namespace std;

→ int main () { arguments

return type

~~int n = 5;~~ int n = 5;

cout << "Hello World" << endl;

return (0);

}

cout << "Hello, n" << n;

Extra Class

Friday Aug 3

5:15 pm - 6:45 pm

LHC 108?

int double/float

char str

int n = 5;

↑

Variable

↑

constant

Hello, n 5

~~2 + 2;~~

int main() { int n, y, z;

~~int x = 5;~~

cout << n;

declaration

assignment

int n;  
n = 5;

int n = 5;

~~int y = (x + x);~~ n + n;

cout << "x = " << x << ", y = " << y;

→ int z = y + n;

cout << "z = " << z;

assignment

15

→ y z = 2 + 1;

→ cout << y;

~~int n;~~  
~~int y = n + n;~~  
~~n = 5;~~

15  
n

16  
y

15  
z

~~int~~  
Operators:-

+, -, \*, /

int x = 5 + 5

double x = 5;

double y = x/3;

double x = 5/3.0;

5.0

x

int x = 5 \* 6

integer division

int x = 7/5

1

double x = 7/5;

x is assigned  
1. (no)

int x = 7.0/5;

1.4

1;

double x = 7.0/5;

1.4

## Operator Precedence-

int x = 5 + 5 \* 10 / 5 ;  
→ 15

int x = (5 + 5) \* 10 / 5 ;

20

(\*, /) higher precedence than (+, -)

int y = (5 - 5) - 5 ; → -5  
5 - (5 - 5) ;

bool (Boolean type)  
 ↳ true or false

bool z = (x > y);

