C++

```cpp
bool : true, false

if ( ) while ( )

0 \Rightarrow false
not 0 \Rightarrow true

if (x == 1)  if (x=1)

\Rightarrow x=(y=1);
```
int array[10];

const int LENGTH = 10;
int array[LENGTH];

int x = 10;
int arr[x];

\[ \text{mem. addr} \]

cout << array[0];

cout << array[20];
pick a number

ask the user to guess a number
if correct, user wins, game over
if wrong, report too high or too low
repeat until user wins, or runs out of attempts.

print the score