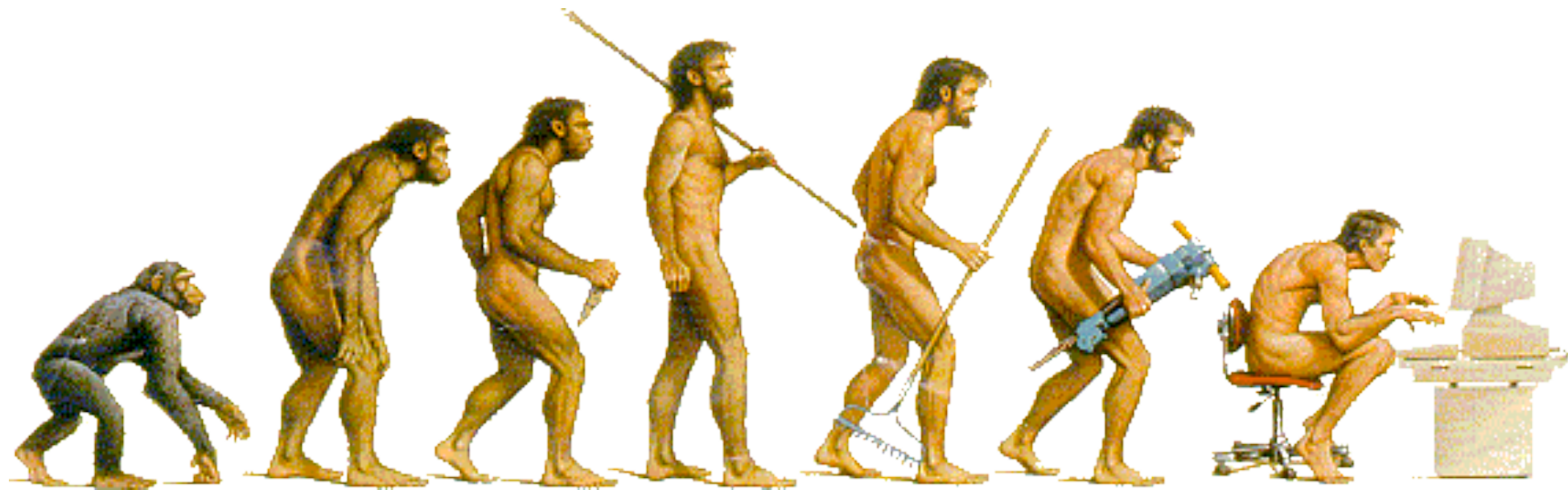


Object-Oriented Programming

Using C++



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The First C++ Program

```
#include <iostream>
using namespace std;

int main()
{
    cout << "Hello, World! I am " << 18 << " Today!" << endl;

    return 0;
}
```

To program in Cygwin

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 - Joe: a simple editor in terminal
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- The command line compiler:
 - g++ <source name>
 - Generates a.out or a.exe
 - g++ <source name> -o <output name>

Read input

```
#include <iostream>
using namespace std;

int main() {
    int number;

    cout << "Enter a decimal number: ";
    cin >> number;
    cout << "The number you entered is " << number << "." << endl;

    return 0;
}
```