C++ Programming Selection 1

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If conditions

- Write a program that reads an integer salary
- Then If salary < 1000,
 - print you are poor
- Otherwise do nothing
- End program with printing Salam
- ...
- If (condition)
 - Body

```
© 06_1.cpp ☎
     #include<iostream>
     using namespace std;
  49 int main() {
         int salary:
         cin>>salary;
         if (salary < 1000)
             cout<<"you are poor\n";
 10
         cout<<"Salam";
 12
 13
         return Θ;
 14 }
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<terminated> ztemp [C/C++ Application] /hom
500
you are poor
Salam
```

What if I want big body?

```
© 06 2.cpp ⊠
    #include<iostream>
    using namespace std;
  49 int main() {
         int num:
         cin>>num;
         if (num == 10)
  9
             int x = 3;
             cout<<"10 is lucky number\n";
             cout<<"also "<<2*num + x<<"\n";
 13
         //cout<<x; # not visible here!
 16
         return Θ;
17
 18
🖹 Console 🛭 🧖 Problems 🚈 Tasks 🗔 Properties 👭
<terminated> ztemp [C/C++ Application] /home/moustal
10 is lucky number
also 23
```

- Use { } if want to do more logic
 - You can write whatever
- Be careful, from scope
 - What inside {} not visible outside it

Be Careful

```
int age = 45;
if(age == 40)
    cout<<"Wow..40 years ago\n";

if(age = 40)
    cout<<"if statement is wrong\n";

if(age)
    cout<<"if statement pass for all non zeros\n";

I E:\Sources\workspaces\codeblocks\HelloWorld\bin\Debug\HelloWorld.exe

if statement is wrong
if statement pass for all non zeros</pre>
```

- If (true condition)
 - Be careful from these 2 mistakes
- Also remember:
 - o if no braces, write ONE line only
- Your turn
 - Write these codes
 - Play with if statement

"Acquire knowledge and impart it to the people."

"Seek knowledge from the Cradle to the Grave."