C++ Notes

Color Coding

<https://en.wikipedia.org/wiki/ANSI_escape_code>

char blue[] = { 0x1b, '[', '1', ';', '3', '4', 'm', 0 }; - the colum with 4 is the number to change

Void  
  
Int (Single number)  
Double (Decimal)  
Char  
Bool  
String  
  
If Statements (Boolean) - if(5=I) and I=5 then we will run code  
If(condition)  
{  
 // code to run  
}  
  
Bool cool=false  
If(cool)  
{  
//party  
}  
----  
If(!cool)  
{  
Friends=friends-15  
}  
  
and: If(condition1 && condition2) // add &&! For 1 to be true and 2 false go.

Or: If(condition3 || condition4) // if one of them is true go, if both false will skip

If((age > 15.5 && partentInCar) || miracle) //will do inside grouping first, like pemdas

<= :less than or equal to  
>= :greater than or equal too  
< :less than  
> :greater than  
== :equal to  
!= :not equal to  
! :not  
Addition +  
Subtraction -  
Multiplication \*  
Division /  
Percentage % Modulus (Mod)  
 11%4=3  
 16%2=0  
 5%6=5  
 9%8=1  
 2=0,1