- Max int $= 2^{32}$
- Num % 2 $\Rightarrow$ num even or odd
- Num % 10 $\Rightarrow$ give last digit
- Num / 10 $\Rightarrow$ remove last digit

$\Rightarrow$ int x = 5 ; $\Rightarrow$ int x (5) ; $\Rightarrow$ int x {5} ;

$\Rightarrow$ To print float value with specific digit
  - use library <iomanip>
  - cout << fixed << setprecission(mmm) ;

$\Rightarrow$ To calculate sum from 1 to N use the equation $\Rightarrow \dfrac{n(n+1)}{2}$
Because it is faster than for loop

$\Rightarrow$ To calculate Floor , Ceil , round :-
  - use library <bits/stdc++.h>
  - use functions :
    - $\rightarrow$ floor ( )
    - $\rightarrow$ ceil ( )
    - $\rightarrow$ round ( )

.The floor of 2,3 is	2
-The Ceil of 2,3 is	3
-The round of 2,3 is	2
-The round of 2,7 is	3

$\Rightarrow$ When you want to calculate a^b, you can do it by using eq $\Rightarrow b \log(a)$
it will be used in comparsion in last example in sheet 1