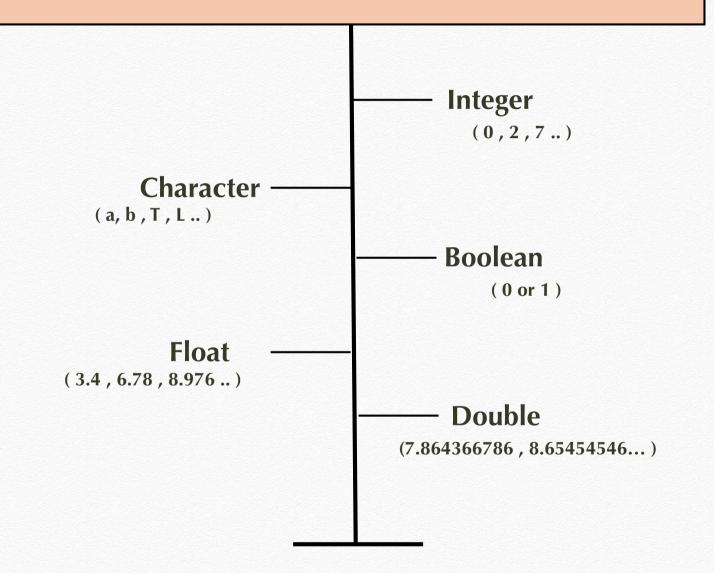
C++

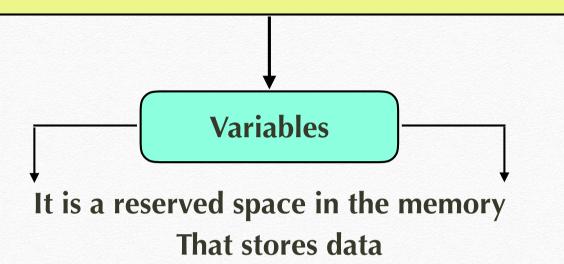
A complete documentary

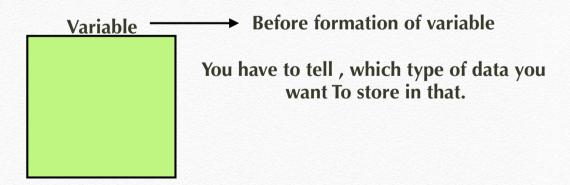
By Prince Agarwal ["Hello World"]

You have many different types of data

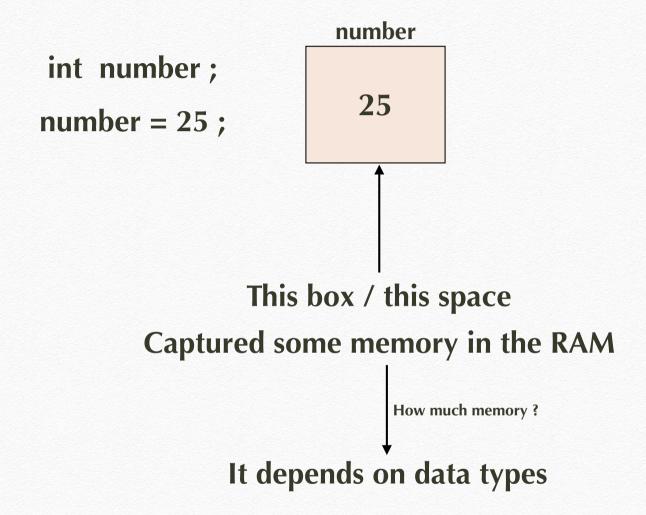


There is a need of something to store this data?



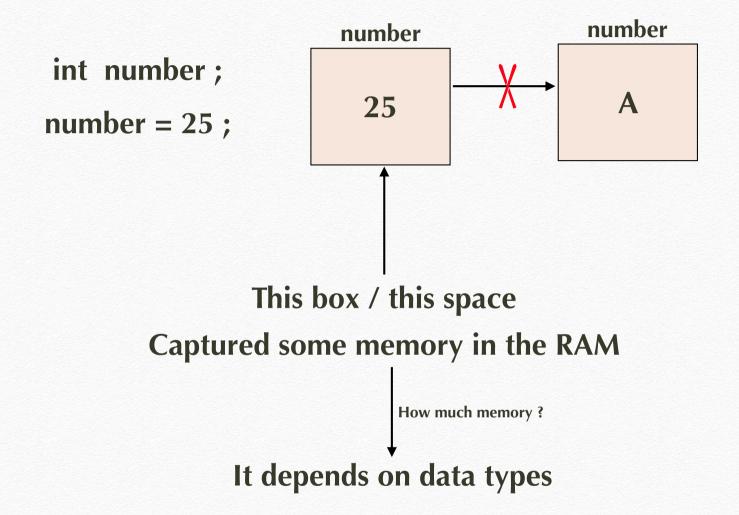


If we want to make a integer variable



* In above case it is **int (integer)** it takes **4 bytes** of memory.

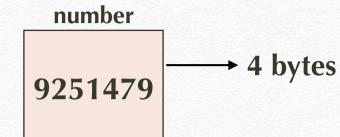
If we want to make a integer variable



^{*} In above case it is **int (integer)** it takes **4 bytes** of memory.

int number; number \Rightarrow 4 bytes number = 25;

int number; number \Rightarrow 4 bytes number = 0; int number; number = 9251479;



int number;

number = 925142272979;

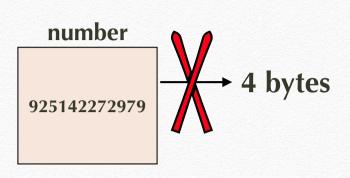
number

925142272979

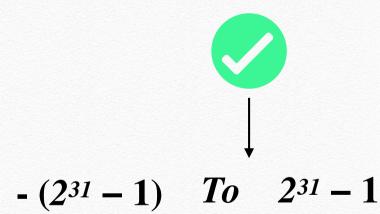
→ 4 bytes

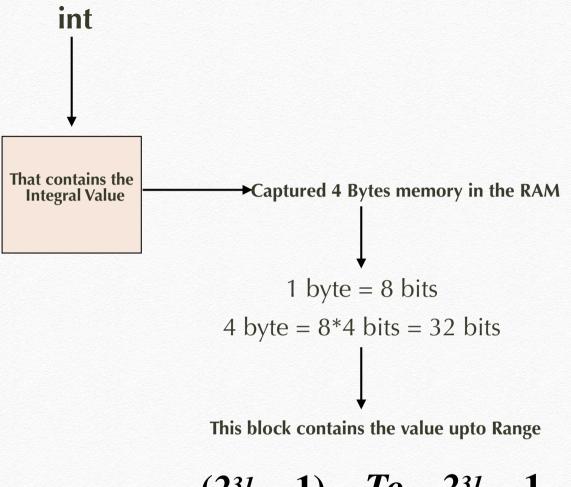


int number;
number = 925142272979;



It means It has fixed range

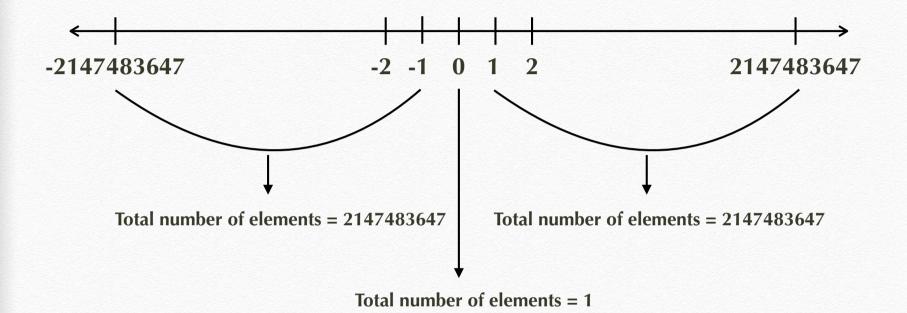




$$-(2^{31}-1)$$
 To $2^{31}-1$

- 2147483647 To 2147483647

Number line



Sum of all the elements =
$$2147483647 + 1 + 2147483647 = 4294967295$$
 $232 - 1$

Subscribe, Like & Share

Hello World

" If you feel any problem then comments in my video I will reply as soon as possible "

- Prince Agarwal