C_11 => Data Typus in c - Part 2

our intigur sing will be 2 bytes.

16 bit Machine: (2 bytes)

Integer Range > Signed int => -32.768. to 32.767.

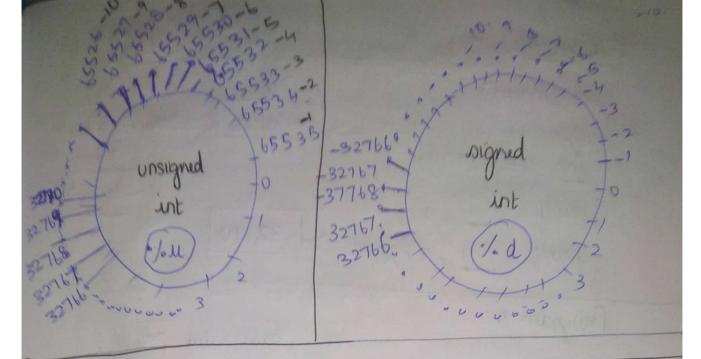
Unaigned int => 0 to 65535.

A Using this 2 bytes only we can store a number ranges from 10-65535 for unsigned int.

* For Signed int, 65535 => 32768.

[-32768 ----, -2, -1, 0, -1, 2, --- 32767]

* For unsigned int; format specifier is represented as 1. V.



Program 1:

include Lordio, h>

void maint)

Sint a = 32767;

Corson();

pountf ("/d", a);

getch();

327671

-32768

Program 21.

void main ()

frist a = 32768;

Chronis,

printly ("/d", a);

getcher,

- 65536 32767 = 32768

Note:

* int' by default both +ve & -ve will store.

Christic gives after initialization of variable of getches in written last

* Execution starts
from main!)

Program 3:

void main!)

funt a = 32768;

chroni);

printly ("/, v", a);

getcher./

getcher./

g 132768

