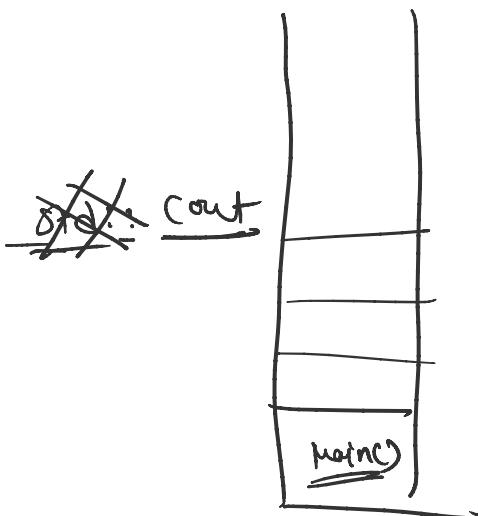


0101 01
↙

#include <iostream>
using namespace std;

Put main()



for
while
do while

ANSWER
do while

y

For(i=1; i<=5; i++) {

(cout << acc endl);

}

a

printf("%d", a) ("Hello world");

→

cout << acc ("Value of a=5"

cout << "Hello world" << endl;

cout << "value of a = " << a << endl;

cin

scanf("%d", &x); a b

(cin >> x;

cin >> a >> b;

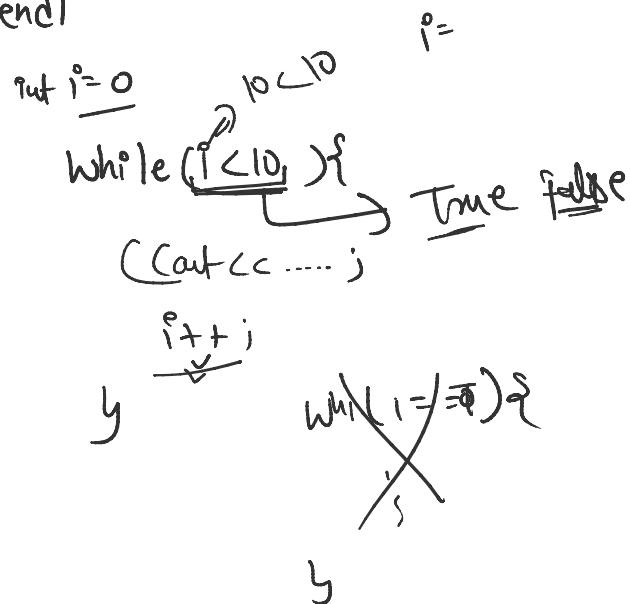
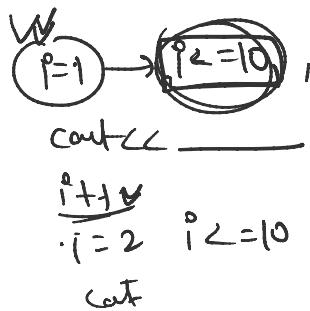
cin, cout }

cout << a << b << endl; ab

cout << acc " " << b << endl

... o ... 10 p =

cout << a << " " << b << endl



$i=10 \quad i \leq 10$

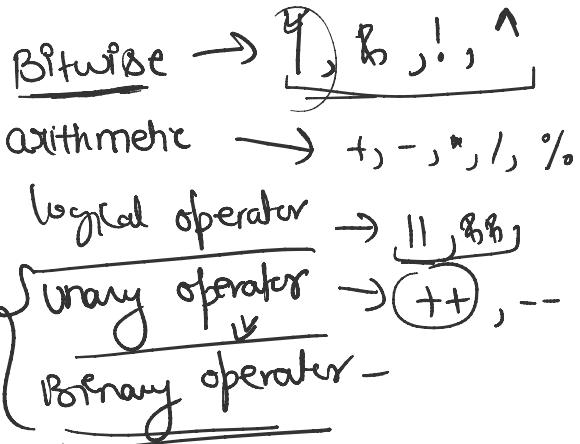
cout <<

i++

i=11

IP

operators:



OR AND
NOT XOR

!a

a=5 a++; -

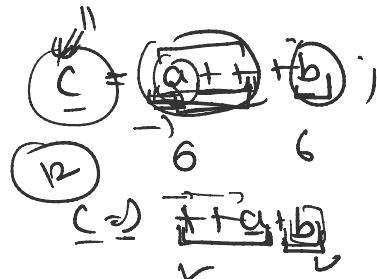
x++;

x++ + y

$\frac{x}{y} * z$
 $\frac{x}{y}, z$
 $\frac{x}{y}, z$

+,-

5 6



64 bits

1 bit \Rightarrow 0

0
1

\Rightarrow 1 bit \Rightarrow 0101011

2

6 bits \Rightarrow -----

0

8 bits \Rightarrow 1 byte

1

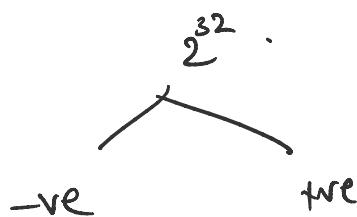
char \Rightarrow 1 byte \Rightarrow 00000000

$$\begin{array}{r}
 00 \Rightarrow 4 \\
 \downarrow \downarrow \\
 11 \Rightarrow - \\
 00 \Rightarrow - \\
 01 \Rightarrow 1 \\
 10 \Rightarrow 2 \\
 11 \Rightarrow 3
 \end{array}$$

char \Rightarrow 2

\Rightarrow 0 - 255

int \Rightarrow 4 byte \Rightarrow 32



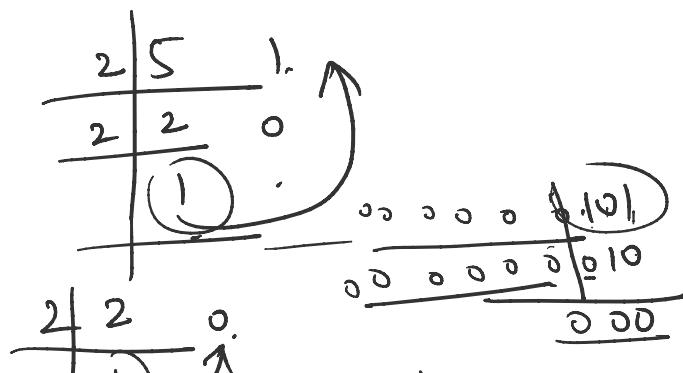
$$-2^{31} \leftarrow -1 \quad +\underbrace{0 \rightarrow +2^{31}}_{-1}$$

$$\begin{array}{r}
 0 \quad 1 \Rightarrow 0 \\
 1 \quad 0 \Rightarrow 0 \\
 0 \quad 0 = 0 \\
 1 \quad 1 \Rightarrow 1
 \end{array}$$

2×3

$$\begin{array}{r}
 10 \\
 11 \\
 \hline
 10
 \end{array}$$

$$\begin{array}{r}
 2 \Rightarrow 10 \\
 3 \Rightarrow 11 \\
 \hline
 10
 \end{array}$$



$\hookrightarrow 2$

6 b2 $\Rightarrow 2$

10
0
10

$$\begin{array}{r} 2 & 2 \\ \underline{-} & 1 \\ \hline 2 & 6 \\ \underline{-} & 3 \\ \hline 2 & 3 \end{array}$$

$$\begin{array}{r} 0^{\circ} \quad 0^{\circ} \quad - \\ \hline 0^{\circ} \quad 0^{\circ} \end{array}$$

$\Rightarrow 21$

$$\begin{array}{r} 1) 10 \\ \underline{\quad\quad\quad} \\ 0) 10 \\ \hline 0 \mid 0 \end{array}$$

$$\begin{array}{r} \underline{\quad} \\ 2^2 + 2^0 - 25 \\ 000(10)010 \\ 543210 \end{array}$$

$$\begin{array}{r} \overline{7} \\ \underline{\underline{21}} \end{array} \Rightarrow 10101$$

1010J
00Y1J

$$\begin{array}{r}
 \overset{1}{\textcircled{1}} \overset{1}{\textcircled{0}} \overset{1}{\textcircled{0}} \overset{1}{\textcircled{1}} \\
 \underline{\textcircled{0} \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1}} \\
 \hline
 \textcircled{1} \textcircled{0} \textcircled{0} \textcircled{1} \textcircled{0} \\
 \textcircled{2} \textcircled{2} \textcircled{2}
 \end{array}$$

21 21 21 21
10111

aⁿbⁿcⁿ