

Unique

no.

jo ck baur

aue 7

Conditional Operator :-

if (age > = 18)

coud «"can "vota";

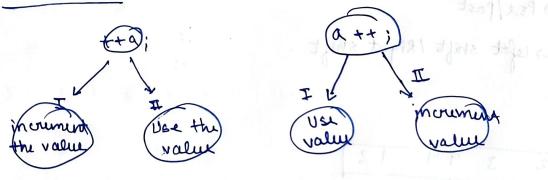
elu

cout «"cannot";

int main() ! (age>=18)? cout «"can vote": cout «"cannot vote" (age) int age = 15; return 0; } 910

cannot vote

Pre - Incrument



int q=5; int b=10;

int ans
$$1 = (++a) + (--b)$$

= $886 + 9 = 59$
int ans $2 = (++a) + (b--)$
= 863

int ans
$$3 = (9+4) + (--b)$$
.
$$= 7 + 7 = 49$$

int and
$$4 = (a++) + (b--)$$

= $8 + 7 = 56$

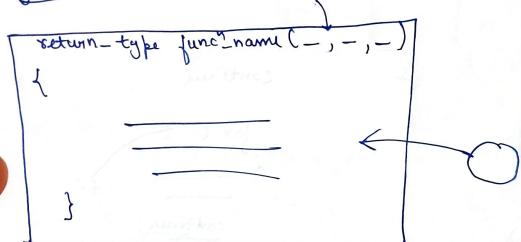
left shift / Kight Shift: Continue continue; iteration skip krwa skta hai. - rulerun x for thet July O for (-; tru; s never ending loop infinite Loop

-> functions:-

well defined task

syntax:

ile parameter



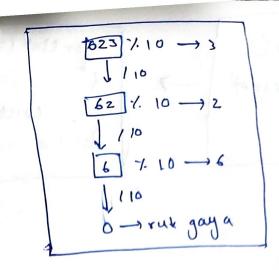
Autor Contract

O Print digits of a number

$$\begin{array}{c} (1p \rightarrow n = 623) \\ (1p \rightarrow 6, 2, 3) \end{array}$$

6237.10

$$\begin{array}{c|c}
62 & 7. & 10 \rightarrow 3\\
\hline
62 & 7. & 10 \rightarrow 2\\
\hline
62 & 7. & 10 \rightarrow 6
\end{array}$$



5247.10
$$\rightarrow$$
 524
 \downarrow , 10
 \downarrow 527.10 \rightarrow 2, \downarrow
 \downarrow 10
 \downarrow -1.10 \rightarrow 5, \downarrow
0 \rightarrow ruk gay 9

int i = 1

While (i < =10) {

Cout < "Arsnat",

i++;

for cont i=1; is=10; only

cout< "AKSHAR";

U = N \ lo;

 cont < x = w;

 int x = v > 10;

 my r (vi = 0)

baghan aung hail

$$528\%10 \rightarrow 8$$

$$\downarrow /10$$
 $52\%10 \rightarrow 2$

$$\downarrow /10$$
 $5\%10 \rightarrow 5$

$$\downarrow /10$$
 $0 \rightarrow \text{rak jan}$

$$528 \xrightarrow{/100} 5$$

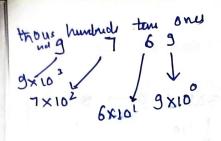
$$28 \xrightarrow{/10} 2$$

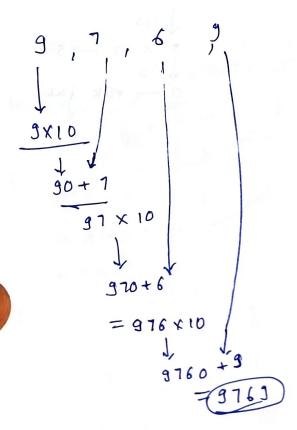
$$8 \xrightarrow{\text{single}} 8$$

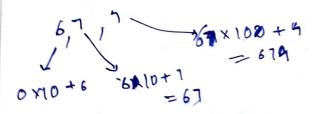
$$5 \quad 2 \quad 8$$

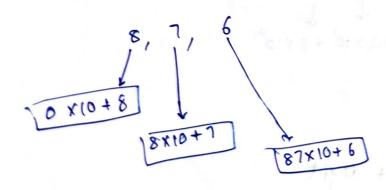
$$5 \quad 10^{2} + 2 \times 10^{3} + 8 \times 10^{9}$$

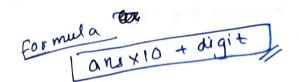
$$6 \quad 10 \quad 4 \quad 10^{3} + 6 \quad 10^{$$











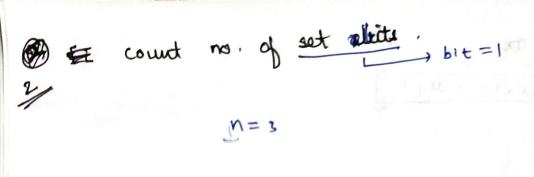
Using avrage:

int main () {

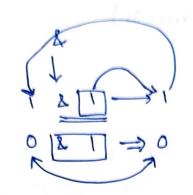
11 create array int digit = {8, 2, 3, 7}, int ans = 0;

for (int i=0; i<4; i++){ ans = ans * 10 + digit (i);

cout « ans a « end);



bit - 1 yes or no



021-0

 $\frac{2}{2}$ $\frac{2}{2}$ $\frac{2}{2}$ $\frac{2}{2}$ $\frac{2}{2}$

right shift

000001

21

Line 32 to 100

int main () {

int n=1;

int ans = 0;

while (n!=0) {

if (n&1) {

anus ++; (n+1) if (n&1) }

1/ right shift is (n+1) if (n&1) if (n&1)

cout « ans «end);

number of set bits?

« cmd slash for multiple comments.

3) convert km into miles.

|mile = 1. 603km

1km = 1,609

int main U.d.

int km;

cout «"Enter value in km" «endl;

cin>> km;

cout «"value in miles: "« (1/1.60g* km « end);

return 0;

f

OPP

Enter value in km

31

al set by

Value in miles 19,2625