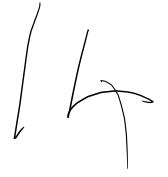# Let's solve it

Switch statement is subset of if-else ladder.

switch cases work with integer. (char)

case value: ? Not allowed.

Ideally 'default' is written at the end.

goto is unconditional jump.

Use 'label' next to a line,
goto "label;

We need 'structured' programming
and hence we don't use goto.

Looping

To repeat set of statements in C program, we are gonna use loop constructs.

⇒ Entry controlled Vs Exit controlled

⇒ Counter based Vs Sentinel based

(A) for (—; I; —)
{
= Condit
}

(B) while (I)
{
= Condit
}

(C) do infinite loop example
{
—
} while (I);
            ↑ condition

repeated number of times

(A) & (B) are examples of entry controlled

(C) exit controlled (minimum 1 time)

```
choice = getchar();
while (choice != 'q')
{
    //2
    choice = getchar();
}
```

'choice' variable is an example of sentinel

for loop exemple of

int i; unie counter based

void fine only

for (i = 1 ; i = 10 ; i++)

(A)

true

push f("..." , i) ;

false

3

3