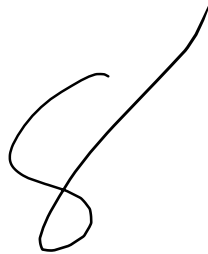# Let's solve it

printf

%x   Hexa smaller
%X   Hexa capital
%o   octal

Format string

conversion specifier
field width (i.e. righthand justified)
precision   length modifier

```c
int i;
scanf("%d", &i);
```

name of variable

Address of operator

```c
char arr[100];
scanf("%s", arr);
```

↑ No &.

Because array name itself is address.

scanf reads from keyboard.
scanf stops reading the
input when whitespace is
encountered. chan choice;
scanf("%c", &choice);

"%s"

The input string stops at white
space or at the maximum field width, whichever
occurs first.

man 3 scanf

if the stream or buffer is empty,
scanf waits for user input.

Producer

temporary
memory
buffer

choice!

Paste

```
jigar
```

logic

Cut

stream

scanf
consumer

getchar

Keyboard

Cut
Paste

In jagi

scanf("%c", &choice);

%.c

scanf_("%.c

scanf( )   getchar( ) echo

↓ Vs

what happens about   getche

Vs

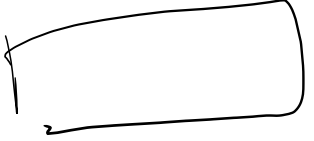`\n`   getch

fflush (stdin)   Don't echo

scanf(" %c ") To skip white space first, use an explicit space
         ↑   in the format.
      space   man 3 scanf

```
scanf("___"  _____  );  //----
✓ fflush(stdin);
scanf("___'        _____  /);
```

stdin
empty out buffer completely. standard input is keyboard.