Placement

I/o

Formatted   Unformatted

Printf   get()
Scanf   getch()
                                   putch()
                                   getchar()
                                   putchar()
                                   gets()
                                   puts()

getch → console i/o (to wait for input)
getchar → stdio (to store)

Format Specifiers & Datatypes

int	%d , %i
unsigned int	%u
Char	%c
unsigned char	%c
Float	%f
Double	%lf
long int	%ld , %li
long unsigned int	%lu
String/character array	%s
Boolean	Not applicable
long double	%llf

long unsigned double	No concept →
Signed int	%d, %i ;
Signed char	%c
~~long uns~~ long long int	%lld, %lli
Unsigned long	%llu.

* Bobleans → truthy or Falsy values, 0 or 1

Write a program to take three inputs name, marks & grade, marks are upto 1 decimal precision, grade, can be A,B,C...F, name always be a string. Take this input & print them using single printf statement in 3 lines & a single scanf statement.

```c
#include<stdio.h>
int main()
{
    float
    ~~int~~ marks;
    char Grade; ~~name[30];~~
    ~~String name;~~ char name[50];
    printf("Enter the marks, grades & name of a student:");
    scanf("%f %c %s", &marks, &Grade, name);
    return 0;
}
```

\n, \t; —→ Escape sequence

if we give one extra format specifier "%d"
and didn't specified then we will get
format "%d" expects a matching int *' argument

if we give more names in scanf then we
will get 'job' undeclared.