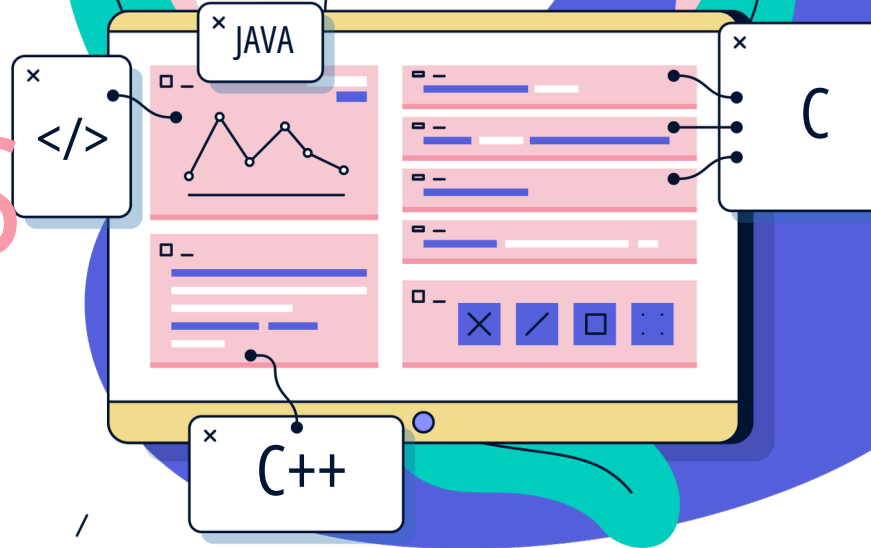


Welcome,
PROGRAMMERS



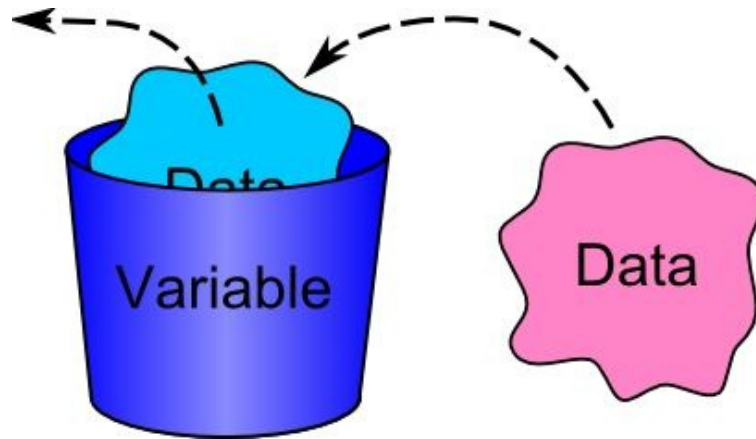
01.

What is Variable?

What is Variable?



VARIABLE



A **container** which **stores** some **data**.



Variable

Examples



01

Fruit & Veg. Containers



02

Glass of Water



03

Duster



04

Bench



02.

What is Data Type?

What is
Data type?

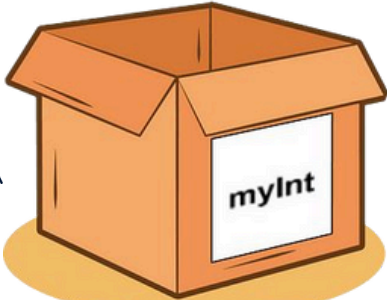


DATA TyPE

Data types are the **type of data stored**
in a C program.
Data types are **used** while **defining a**
variable or **functions** in C.

Data type

4



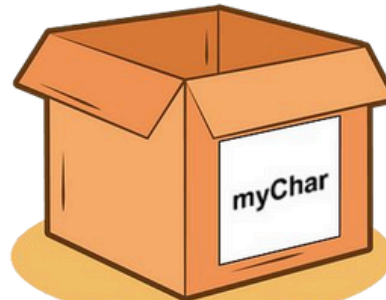
Integer
(int)

2.5



float
(float)

'a'



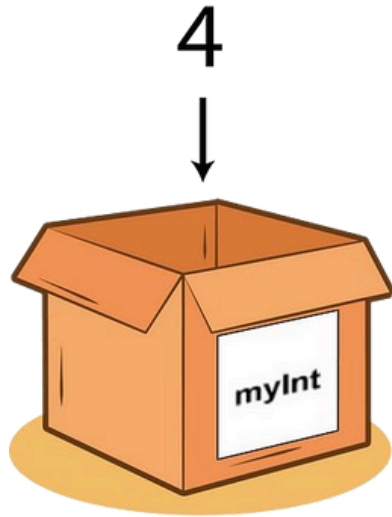
character
(char)

"hello"



string
(char[])

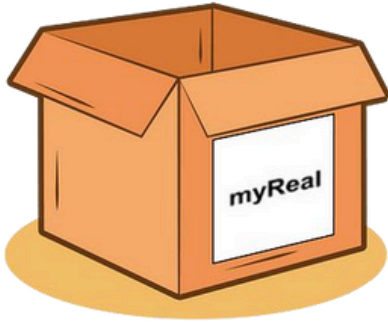
Integer Datatype



```
int myInt = 4;
```

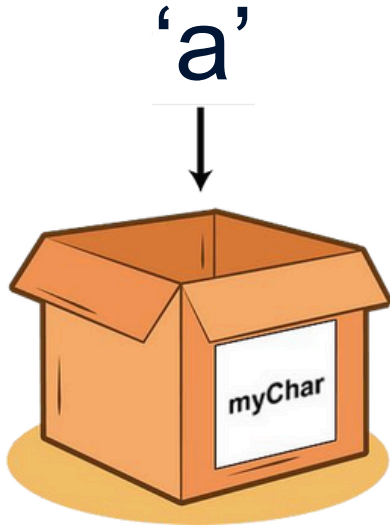
float Datatype

2.5



```
float myReal = 2.5;
```

character Datatype



```
char myChar = 'a';
```

String Datatype

"hello"



```
char myString[] = "hello";  
or  
char* myString = "hello";
```

03.

What is Format Specifier?

What is
Format specifier?



format Specifier

Format specifiers is a symbol of %.

Format specifiers **tell the compiler** about the **type of data** that must be given for input and the type of data that must be printed on the screen.

format Specifier

Format Specifier	Type
%c	Used to print a character
%d	Used to print the signed integer
%f	Used to print the float values
%i	Used to print the unsigned integer
%l	Used to print the long integer
%lf	Used to print the double values
%lu	Used to print the unsigned integer or unsigned long integer
%s	Used to print the string
%u	Used to print the unsigned integer



Code-based

Let's start now...

