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WELCOME,

PROGRAMMERS

01.

What is Variable?

WHAT IS VARIABLE?

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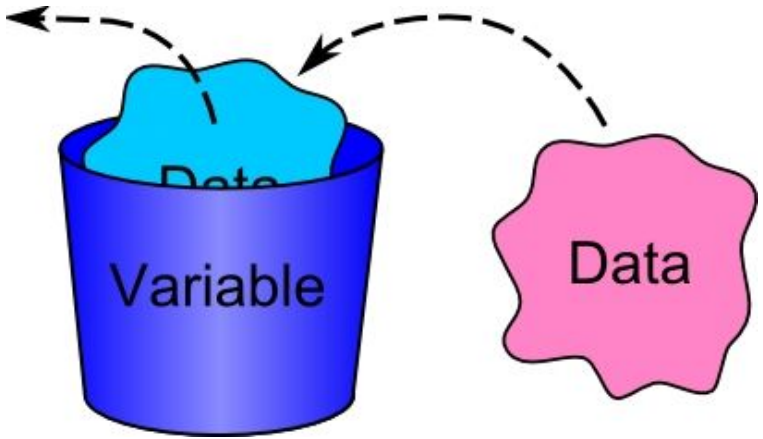
VARIABLE



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

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VARIABLE

EXAMPLES

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01

FRUIT & VEG. CONTAINERS

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02

GLASS OF WATER

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03

DUSTER

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04

BENCH

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02.

What is Data Type?

WHAT IS DATA TYPE?

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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.

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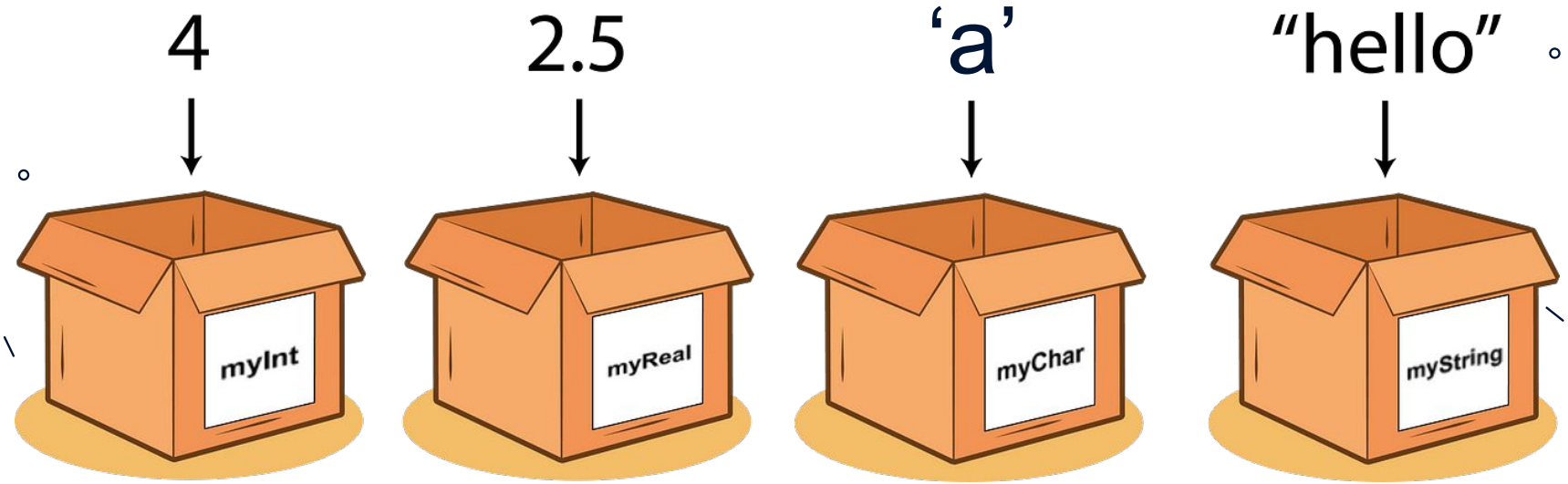
DATA TYPE



Integer
(**int**)

float
(**float**)

character
(**char**)

string
(**char[]**)

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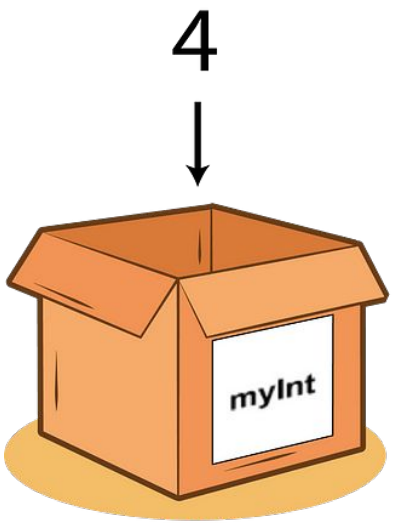
INTEGER DATATYPE




```
int myInt = 4;
```

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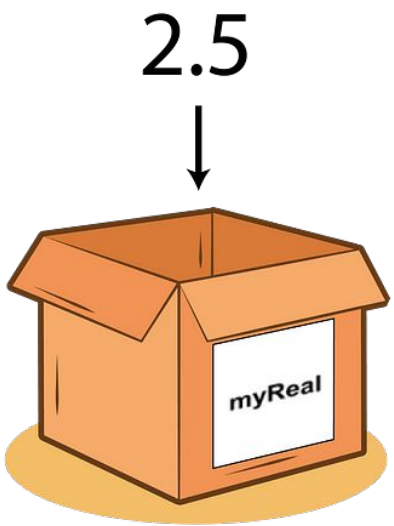
FLOAT DATATYPE




```
float myReal = 2.5;
```

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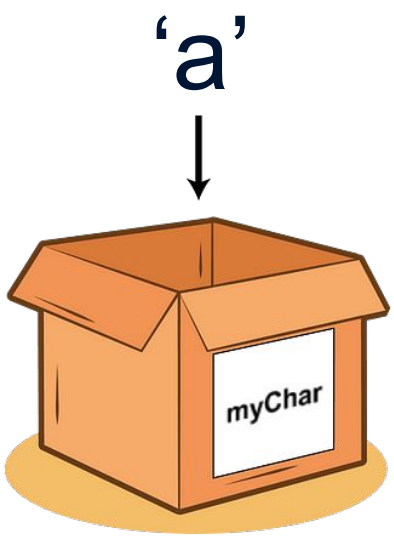
CHARACTER DATATYPE




```
char myChar = ‘a’;
```

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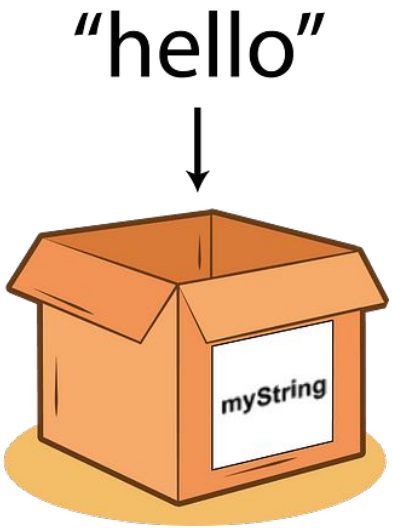
STRING DATATYPE




```
char myString[] = “hello”;
        or
char* myString = “hello”;
```

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03.

What is Format Specifier?

WHAT IS FORMAT SPECIFIER?

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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.

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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

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CODE-BASED

Let's start now...

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