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Functios - is a block of code or sub-program which performs a specific task
multiple times when we call it.

ISSUES When functions are not used
1] Lengthy and bulky code
2] Buggy
3] Zero readability
4] Zero reuseability

Syntax --->

```
return_type function_name()
{
    //func body
}
int main()
   {
       //func body
}
```

These curly braces defines the scope
of the function.

Declaration: the return type, the name of the function, and parameters (if any)

Definition: the body of the function (code to be executed)

Calling: to invoke the function we must have to call it.

NOTE: We must define func before calling it.If we to define

after calling it then we must declare it above main function
otherwise it will give error.

There are 2 types of functions

1] Which return some value ---> int , char , string , bool , array

2] which returns nothing ---> void

FUNCTION CALL STACK ->

1] Tracks function calls
2] Local variable -> check upon input variable
3] Tracks which func is called by which another func
4] Return value

Stack --> works on (Last-in first-out)LIFO principle.
same as plate that are stack on each other in
home or marriages.

In functions call stack --->

1] The first entry in the function call stack must be for main function.

2] Whenever we get a function call an entry should be added for that in
in function call stack.

3] Whenever function body or scope ends that entry should be removed from
function call stack.

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