

Functions and modularity.

- system defined : `print()`, `int()`, `type()`
- user defined function()
- parameters and arguments.
- default parameter
- return

function () : block of code

// modularity of code

guest - management. ✓ ✓ → changes to be done only once.
→ debugging.

- 1. make bed
- 2. dusting and cleaning.
- 3. fill bottle and put in fridge.
- 4. Get fruits and ~~sweets~~.

5. Play good music.

function definition : function create.
↓
what will this function do.

↘ function call : using a function

f-string : format string.

Function parameter :



gives flexibility and customization to
our function

→ associated with function definitions

Argument → passing a real value to the function
during function call

return statement

```
def full_name(first_name, last_name):
```

```
    x = first_name + ' ' + last_name
```

```
    print(x)
```

```
    return x
```

local scope

```
y = full_name('Pulkit', 'Aneja')
```

y

local and global variables



scope of a variable.

Next steps: multiple return, automation with function.