

## Afternoon Session

Date: 19/5/2020

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Course: Python

USN - UAL18EC043

Topic: Functions

Sem, Section - IV Sem 'A'

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Report:

\* Comperhension is an expression that creates a list by iterating over another container.

\* Functions can have more than one parameter

```
def volume(a,b,c):
```

```
    return a*b*c
```

\* Function can have default parameter.

```
def converter(feet, coefficient = 3.2808):
```

```
    meters = feet / coefficient
```

```
    return meters
```

\* Arguments can be passed as non-keyword / keyword arguments.

```
def volume(a,b,c):
```

```
    return a*b*c
```

```
print volume(1, b=2, c=10).
```

\* An \*args parameter allows the function to be called with arbitrary no of non-keyword arguments.

\* An \*kwargs allows an arbitrary no. of keyword argument

```
def cubical volume(a,b, c=10)
```

```
    return (a*b*c)
```

```
print (cubical volume (2, b=3))
```

↗ non-default } Parameters  
 ↘ default }  
 ↗ keyword args  
 ↘ non-keyword args

- \* We can read an existing file with python.
- \* We can create a new file with Python & write some text on it.
- \* We can append text to an existing file without overwriting it.
- \* We can both append & read a file.
- \* Built-in objects that are written inside the python interpreter in C language.
- A list of built-in modules can be printed out with  

```
import sys  
sys.builtin_module_names
```
- Packages are a collection of py modules.