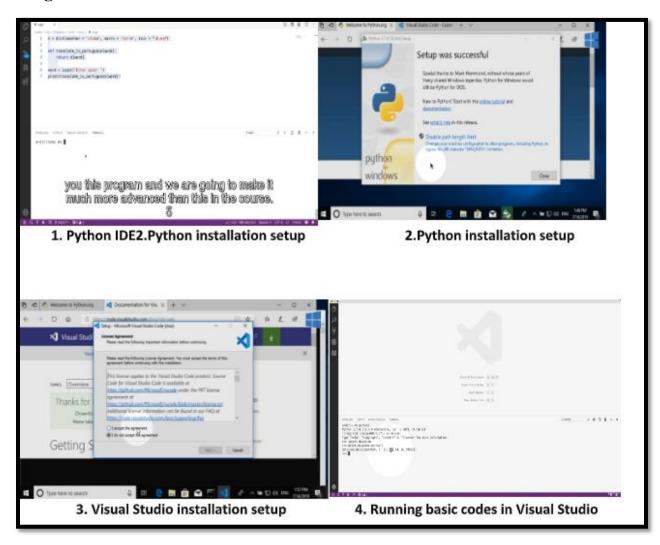
DAILY ASSESSMENT FORMAT

Date:	18/05/2020	Name:	Mahima Shetty
Course:	Python	USN:	4AL15EC045
Topic:	Introduction, Small basic	Semester	8 th -A
	program and data types.	&	
		Section:	
GitHub	Mahima		
Repository:			

AFTERNOON SESSION

Image of Session-



Report -

First, I learnt about what is, why and how simple is python. How to install Python IDE in windows.

How to install Visual Studio. How to run python code or .py files using commands.

- > Python 3 and the Visual Studio Code IDE in the videos.
- A quick way to execute Python code to see how it works.
- > You can make a program that shows the current date and time using these lines of code:

```
import datetime
x = datetime.datetime.now()
print(x)
```

In the variable and data type section I learnt these many programs to find or to know how to feed

different types of data types variables in python programming.

Integers are for representing whole numbers:

```
rank = 10
eggs = 12
people = 3
```

· Floats represent continuous values:

```
temperature = 10.2
rainfall = 5.98
elevation = 1031.88
```

Strings represent any text:

```
message = "Welcome to our online shop!"
name = "John"
serial = "R001991981SW"
```

Lists represent arrays of values that may change during the course of the program:

```
members = ["Sim Soony", "Marry Roundknee", "Jack Corridor"]
pixel_values = [252, 251, 251, 253, 250, 248, 247]
```

Dictionaries represent pairs of keys and values:

```
phone_numbers = {"John Smith": "+37682929928", "Marry Simpons": "+423998200919"}
volcano_elevations = {"Glacier Peak": 3213.9, "Rainer": 4392.1}
```

Keys of a dictionary can be extracted with:

```
phone_numbers.keys()
```

Values of a dictionary can be extracted with:

```
phone numbers.values()
```

 Tuples represent arrays of values that are not to be changed during the course of the program:

```
vowels = ('a', 'e', 'i', 'o', 'u')
one_digits = (0, 1, 2, 3, 4, 5, 6, 7, 8, 9)
```

• To find out what attributes a type has:

```
dir(str)
dir(list)
dir(dict)
```

To find out what Python builtin functions there are:

```
dir(__builtins__)
```

• Documentation for a Python command can be found with:

```
help(str)
help(str.replace)
help(dict.values)
```