

23/11/20

Python

1. E-commerce.
2. Display Some Products

3.

Python

26/11/20
Thursday

likli the username to
Password:
login@123.

1. AI & P - Inter
2. klab - Inter.
3. Computer Vision - Advanced
4. Data Science - Intermediate

Tomorrow: Anaconda Navigation.
Topic

Python 3.8.

2/12/20 Wednesday

Shortcut - key's:

1. Execution key's - Shift + Enter.

2. Esc is used for Command Mode.

3. Esc + A is used to create a above cell

4. Esc + B is used to create a below cell's

5. Esc + M is used for converting a cell from
a Code Mode to Markdown mode.

6. Esc + Y To convert a cell back to Code
Mode.

7. Esc + R To convert a cell into RAW
Mode (should not be used).

8. ~~ESC~~, ~~DD~~ \rightarrow
8. ESC , D+D to delete the line.
9. Shift + down arrow to highlight the line's.
10. Shift + M Mix the line's in one para.
11. $\text{Ctrl} + \text{Shift} + -$ divide's the list's.
12. Shift + J for downward selection.
13. Shift + K for upward selection.
14. Shift + M for merging the cell's.

3/12/20
Thursday

15. $\text{Ctrl} + \text{Tab}$

16. $\text{Alt} + \text{Tab}$

17. Shift + Tab

A variable hold's a value. You can change the value at any point of time.

Naming Rules:

Variable's can only contain letters, numbers and underscores.

2. # variables names can start with a letter or an underscore, but cannot start with a number.

```
Message = 'Hello'
```

```
Print(Message)
```

→ Hello

```
Message_1 = 'Hi'
```

```
Message_1
```

→ 'Hi'

```
_Message = 'Hi'
```

```
Print(_Message)
```

→ Hi

```
1message = 'Hi'
```

→ error Invalid syntax.

Keywords
String - ()
list - []
tuple - {}
Dict

3. # Spaces are not allowed in variable names, we use underscores instead of spaces.

```
Student name = 'Venkat'
```

→ error Invalid syntax.

```
Student_name = 'Venkat'
```

→ 'Venkat'

4. # You cannot have python keyword's as variable names.

a = 1
 type(a)
 → int.
 a = 1.0
 type(a)
 → float
 a = 'i'
 type(a)
 → str
 a = True
 type(a)
 → bool
 a = False
 type(a)
 → bool.

Variable name should be descriptive,
 without being too long
 # For example mc_kitcheels is better than
 just "kitcheels" and number_of_kitcheels
 on_a_motorcycle.

False await else import from
 None break except in raise
 True class finally is return
 and continue for lambda try
 as def from nonlocal while
 assert del global not with
 async elif if, for yield.

12/12/20 String's: () Curly Brackets

rida

EOL - end of ~~literal~~ literal

Runtime error's

Syntax error's

Semantic error's.

Message = "Hello world"

likhi

→ EOL error

Message = "Hello world"

mutable
immutable

→ EOL error.

Message = "It's awesome"

Message

→ It's awesome.

Message = "It's awesome."

Print(Message)

It's awesome.

name = "Matesh"

Roll-Num = "26"

First name = "Venkat"

Last name = "Sai"

Type (First name)

→ str.

full_name = first_name + ' ' + last_name

full_name

→ 'Venkat Sai'

hero = 'Mahesh'

f + tab

mov_num = 26

mov_name = hero + mov_num

→ can only concatenate str (not 'int') to str

mov_name = hero + str(mov_num).

mov_name

→ 'Mahesh26'

a = '1'

b = '2'

c = a + b

→ '12'

a = '1'

b = '2'

c = int(a) + int(b)

c

⇒ 3.

string formatting

name = 'Venkat'

age = 24

exp/op: My name is Venkat my age is 24

Print ('my name is {} my age is {}'.

format(name, age))

→ My name is Venkat my age is 24.

Print ('my age is {} my name is {}'.

format(name, age))

~~Use & index~~

→ My age is 24 my name is Venkat.

Print ('my name is %s my age is %s'

%(name, age))

→ my name is Venkat my age is 24.

Print (f "my name is {name} my age is {age}"

→ my name is Venkat my age is 24.

name = 'Venkat'

age = '24'

Print ('my name is %s my age is %d' % (name, age)).

→ My name is Venkāt my age is 24.

Print ('my name is : ', name)

→ My name is : Venkāt

Print ('My name is, My age is : ', name)

My name is My age Venkāt 24.

help(str).

name = "Venkāt"

Print(name.lower())