Assignments that I solved

Sorting the array in ascending order

Factorial of a number

Reversing the array

Numpy install

* Variables are immutable(x=’vetri’ y=2)
* List uses []-repetition,append,remove,change allowed
* Tup uses()-append repetition,append,remove,change not allowed
* Set uses{}-receptions not allowed
* Using command prompt
* ID is a unique number assigned to a value
* Garbage collection in python
* Type(a) indicates <class 'str'> if string assigned to a
* Data types
* None
* Numeric-int,float,complex,bool
* List
* Tuple
* Set
* String
* Range
* Dictionary-not present in any other language

14/10/19

Binary

Octal

Hexa

Bitwise operators

~complement

& and

| or

XOR

<<

>>

math.floor(2.9)

math.ceil

import math as m

help(math)

16/10/19

getting input from User

by default the input from the user is taken as string

import sys agrv to pass values while running the code

If else-suite

Nested if

Elif

**---------🡪to print pattern**

**\*\*\***

**\*\*\***

**\*\*\***

**i=1  
while i<=3:  
 print("\*",end="")  
 j=1  
 while j<=2:  
 print("\*",end="")  
 j=j+1  
 i=i+1  
 print()**

for loop

range(1,20)

break---if input I exceeds the limit

continue

pass

* Python and Pycharm installation
* Used console,cmd prmpt
* Variables
* Lists,set,tuples
* Loops
* range
* Arrays
* Numpy installation

Azure in Devops

IAAS

IAAS-RAM,CPU,Firewall,NW,BW.Hard disk

PAAS-os,framework,DB,webserver

SAAS-yahoo,gmail,invoice,control panel.

Cloud-2o principle---

O-on demand-scalability

O-outsourced—resource maintenance allocated

Azure-Ms implemented cloud