**Full Stack Web Development using Python**

**Assignment-2: Python Basics**

1. Write a python script to add comments and print “Learning Python” on screen.

#First Comment in python

print("\"Learning Python\"")

1. Write a python script to add multi line comments and print values of four variables, each in a new line. Variable contains any values.

“””

Welcome to

Python

“””

a = 32

b = 24.4

c = 3+4j

d = “ok”

print(a,b,c,d,sep=’\n’)

1. Write a python script to print types of variables. Create 5 variables each of them containing different types of data. (like 35, True, “MySirG”,5.46, 3+4j, etc)

a = 35

b = True

c = "MySirG"

d = 5.46

e = 3+4j

print(type(a),type(b),type(c),type(d),type(e),sep='\n')

1. Write a python script to print the id of two variables containing the same integer values.

a = 35

b = 35

print(id(a),id(b),sep='\n')

1. Create four variables in a Python script and assign values of different data types to them. Write a Python script to print value, its type and id of each variable

a = 35

b = 45.5

c = "ok"

d = 3+4j

print(a,type(a),id(a))

print(b,type(b),id(b))

print(c,type(c),id(c))

print(d,type(d),id(d))

1. Write a python script to print all the keywords

import keyword

print(keyword.kwlist)

1. On Python shell use help() function and display the list of keywords

help("keywords")

1. Create two Python files A0.py and A1.py. Create a variable in A1.py and assign some value to it. Write a python script to import A1 module in A0 and print value of the variable created in A0.py

Python file A1.py as

x = 53.5

Python file A0.py as

import A1

print(A1.x)

1. Name the keywords, used as data in the Python script.

True, None, False

1. Write a python script to display the current date and time. First create variables to store date and time, then display date and time in proper format (like: 13-8-2022 and 9:00 PM)

from datetime import datetime

d = datetime.today();

d1=d.strftime("%d-%m-%Y and %I:%M %p")

print(d1)