**LAB # 11**

modules and packages

# *OBJECTIVE:*

*Getting familiar with the environment for using modules and packages*

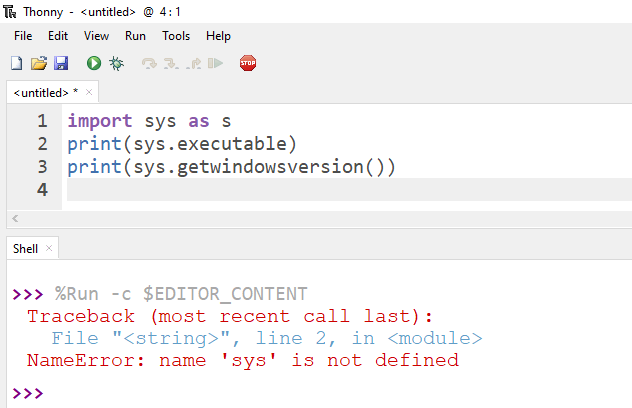
HOME tasks

***EXERCISE***

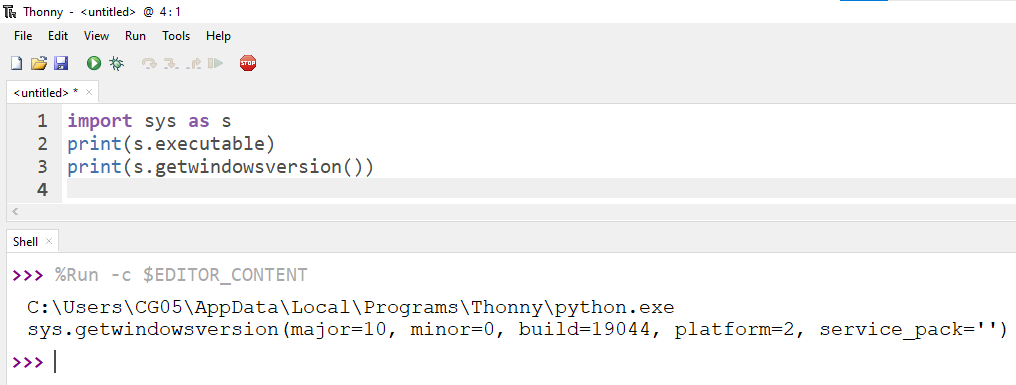
1. ***Point out the errors, if any, and paste the output also in the following Python programs.***

**Code 1**

* **Code(incorrect)**

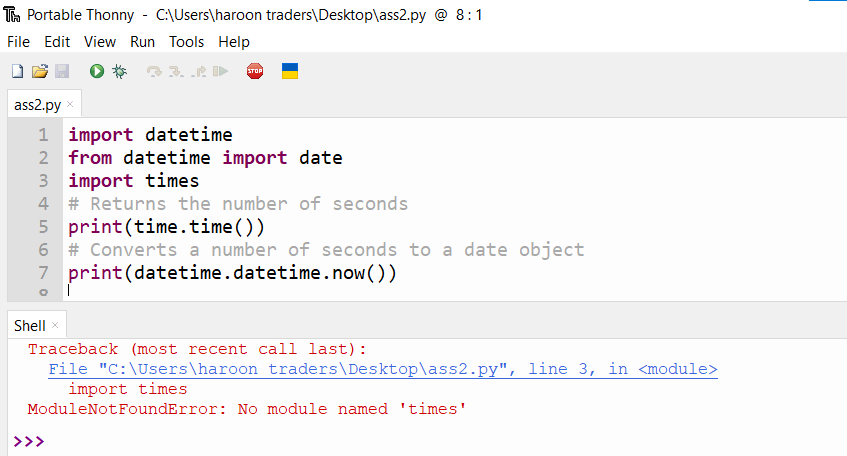


* **Code(correct):**

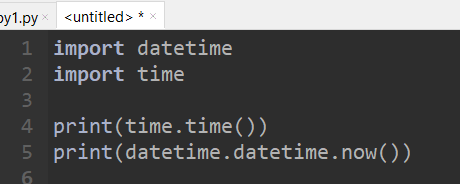


**Code 2**

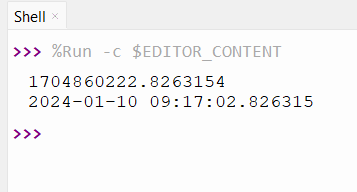
* **Code(incorrect)**

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* **Code(correct):**

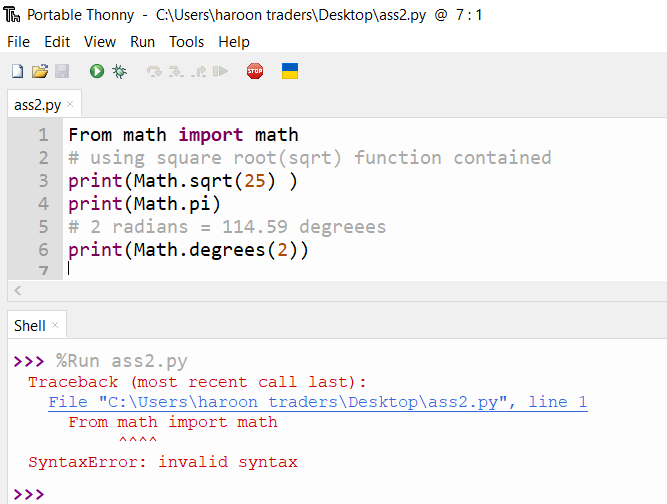
****

* **Output:**

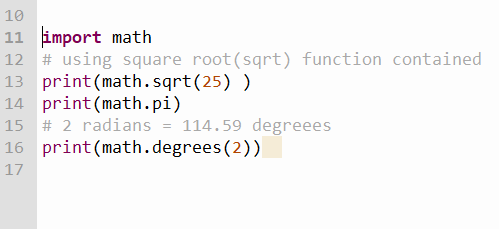


**Code 3**

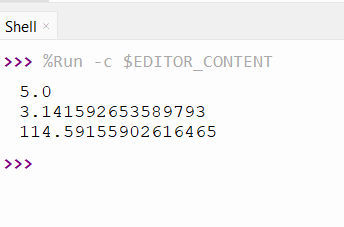
* **Code(incorrect)**

****

* **Code(correct):**



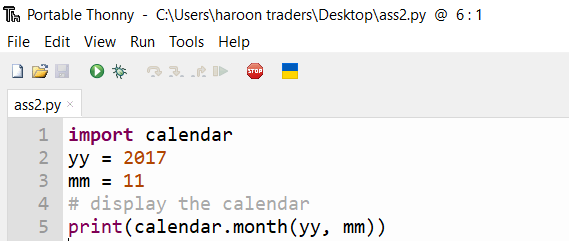
* **Output:**



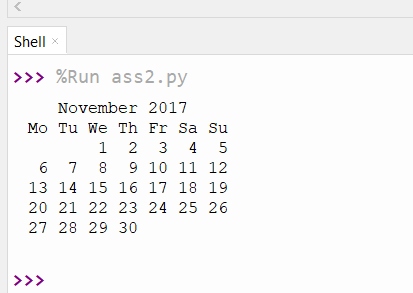
1. ***What would be the output of the following programs***

**Code 1**

* **Code:**

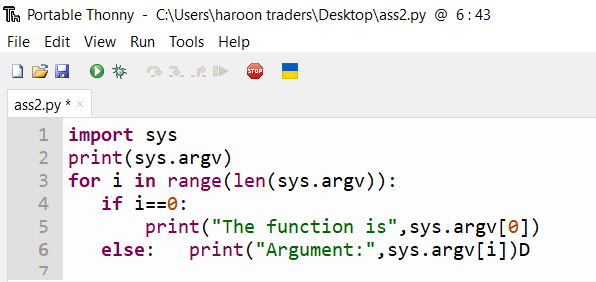
****

* **Output:**

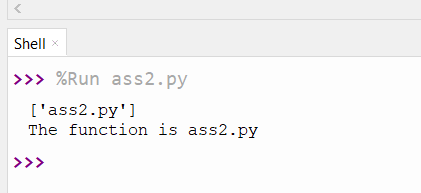
****

**Code 2**

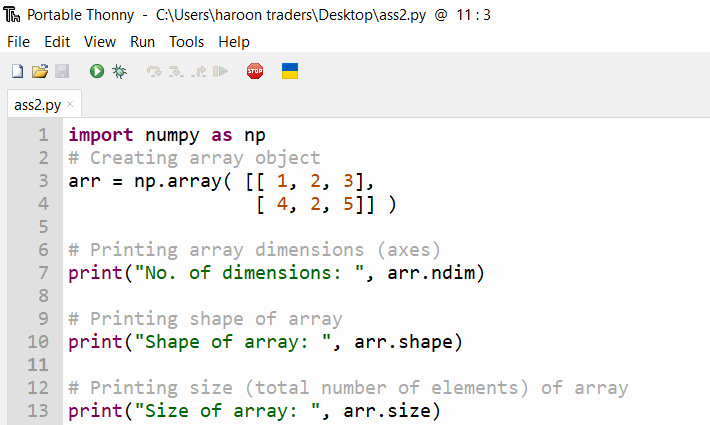
* **Code:**

****

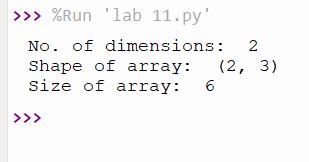
* **Output:**

****

* **Code:**

**\**

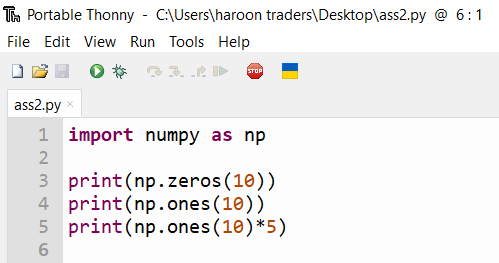
* **Output:**



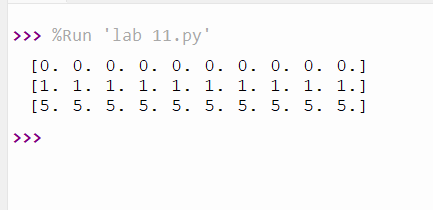
***3. Write Python programs for the following****:*

*1. Write a NumPy program to create an 1D array of 10 zeros, 10 ones, 10 fives*

* **Code:**

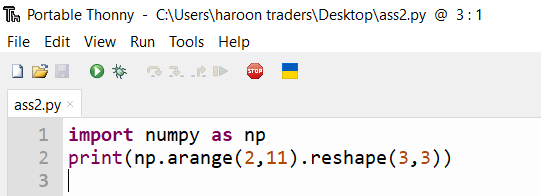
**

* **Output:**



*2. Write a NumPy program to create a 3x3 matrix with values ranging from 2 to 10.*

* **Code:**

**

* **Output:**

