Cognizance

Task-8

Name: Kanakala Sri Harika

RollNo: CH.EN.U4CSE21223

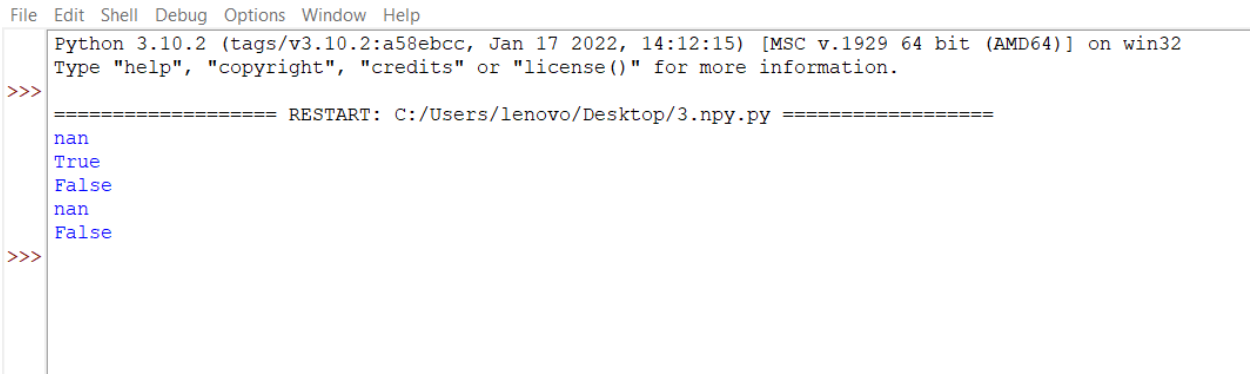
1. 1.npy

```
File  Edit  Shell  Debug  Options  Window  Help
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/lenovo/Desktop/1.npy.py ==========
First Number:9
Last Number:16
[ 9.  0.  0.  0.  0.  0. 10.  0.  0.  0.  0.  0. 11.  0.  0.  0.  0.  0.
 12.  0.  0.  0.  0.  0. 13.  0.  0.  0.  0.  0. 14.  0.  0.  0.  0.  0.
 15.  0.  0.  0.  0.  0. 16.]
>>>
========== RESTART: C:/Users/lenovo/Desktop/1.npy.py ==========
First Number:14
Last Number:20
[14.  0.  0.  0.  0.  0. 15.  0.  0.  0.  0.  0. 16.  0.  0.  0.  0.  0.
 17.  0.  0.  0.  0.  0. 18.  0.  0.  0.  0.  0. 19.  0.  0.  0.  0.  0.
 20.]
>>>
```

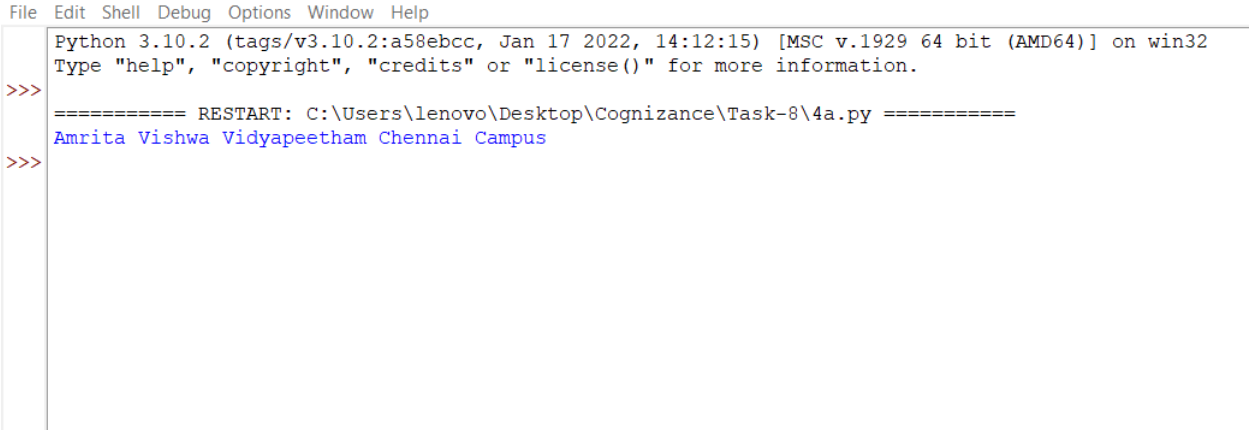
2. 2.npy

```
File  Edit  Shell  Debug  Options  Window  Help
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/lenovo/Desktop/2.npy.py ==========
They are not equal
>>>
```

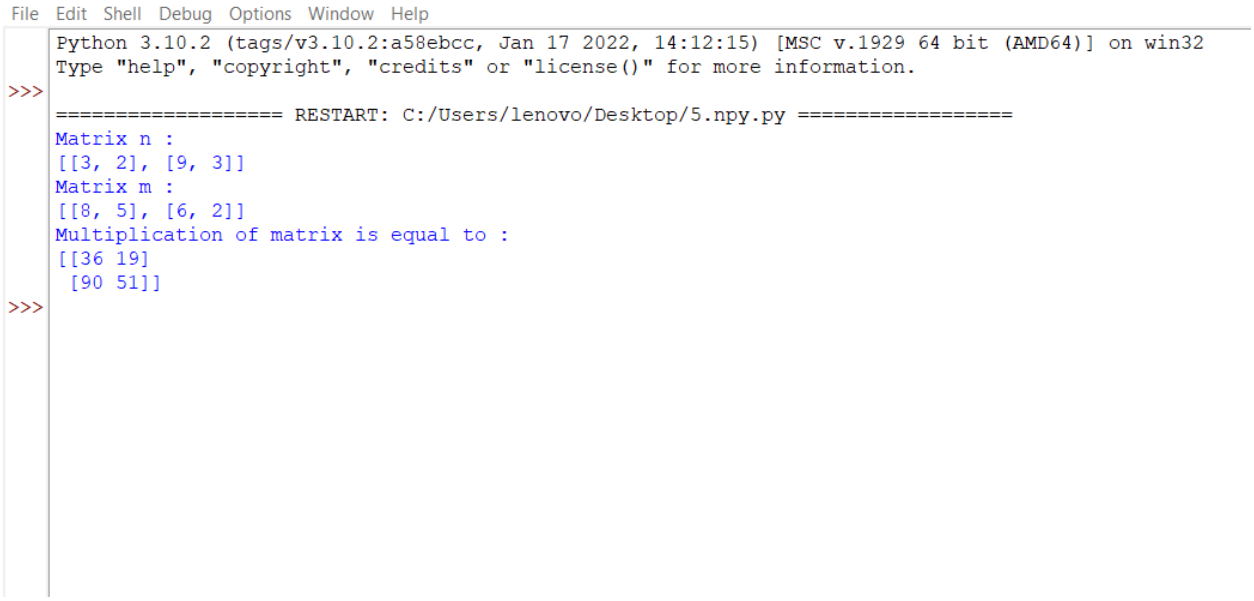
3. 3.npy


File Edit Shell Debug Options Window Help
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/lenovo/Desktop/3.npy.py ==========
nan
True
False
nan
False
>>>

4. 4a


File Edit Shell Debug Options Window Help
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:\Users\lenovo\Desktop\Cognizance\Task-8\4a.py ==========
Amrita Vishwa Vidyapeetham Chennai Campus
>>>

5. 5.npy


File Edit Shell Debug Options Window Help
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/lenovo/Desktop/5.npy.py ==========
Matrix n :
[[3, 2], [9, 3]]
Matrix m :
[[8, 5], [6, 2]]
Multiplication of matrix is equal to :
[[36 19]
[90 51]]
>>>