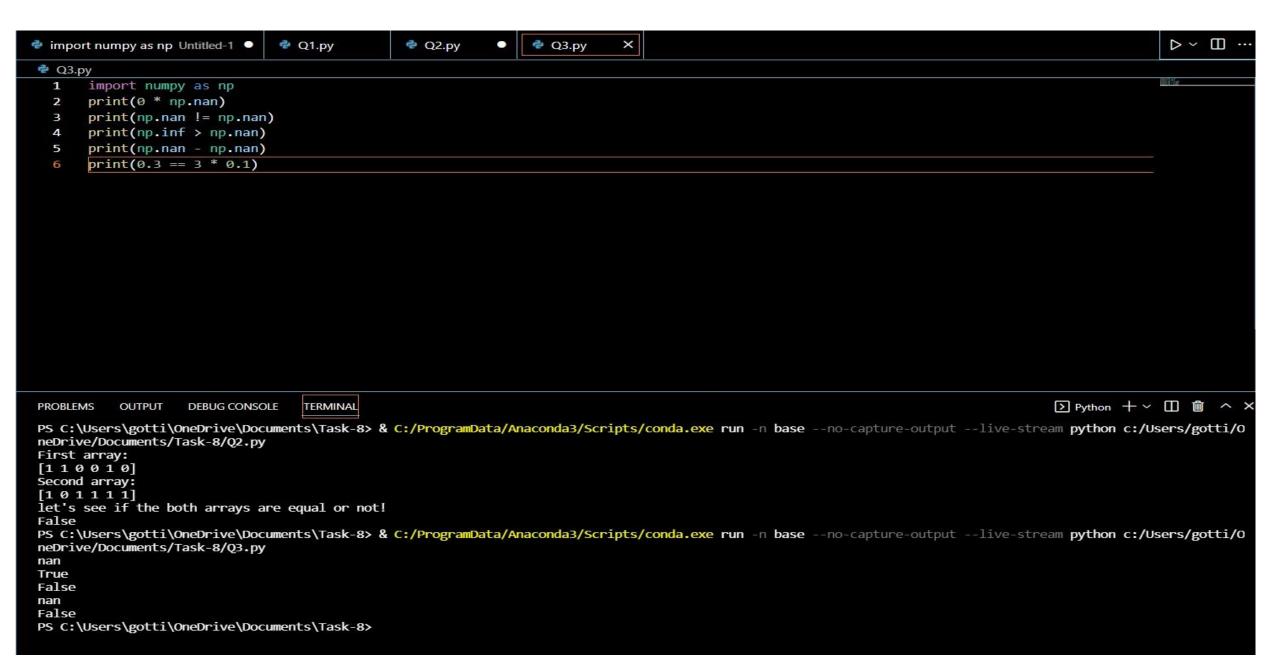
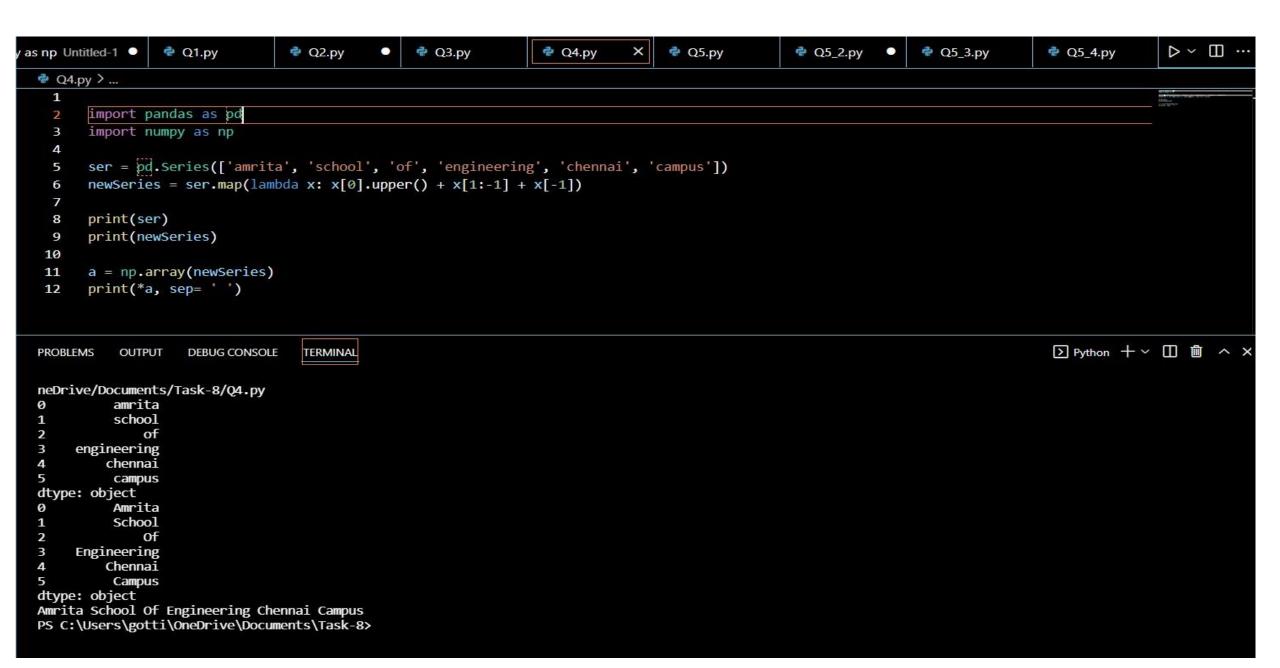


```
import numpy as np
      p = np.random.randint(0,2,6)
      print("First array:")
      print(p)
      q = np.random.randint(0,2,6)
      print("Second array:")
      print(q)
      print("let's see if the both arrays are equal or not!")
      array equal = np.allclose(p, q)
  9
      print(array equal)
10
11
12
                                                                                                                              › Python + ∨ □ · · · ×
PROBLEMS
          OUTPUT
                  DEBUG CONSOLE
                                 TERMINAL
PS C:\Users\gotti\OneDrive\Documents\Task-8> & C:/ProgramData/Anaconda3/Scripts/conda.exe run -n base --no-capture-output --live-stream python c:/Users/gotti/0
neDrive/Documents/Task-8/Q2.py
First array:
[110010]
Second array:
[101111]
let's see if the both arrays are equal or not!
False
PS C:\Users\gotti\OneDrive\Documents\Task-8>
```





Question-5 (1)

```
▷ ~ □ …
                                              Q2.py

₱ Q3.py

                                                                                              Q5.py
import numpy as np Untitled-1
                              Q1.py
                                                                              Q4.py
                                                                                                          ×

₱ Q5.py > ...

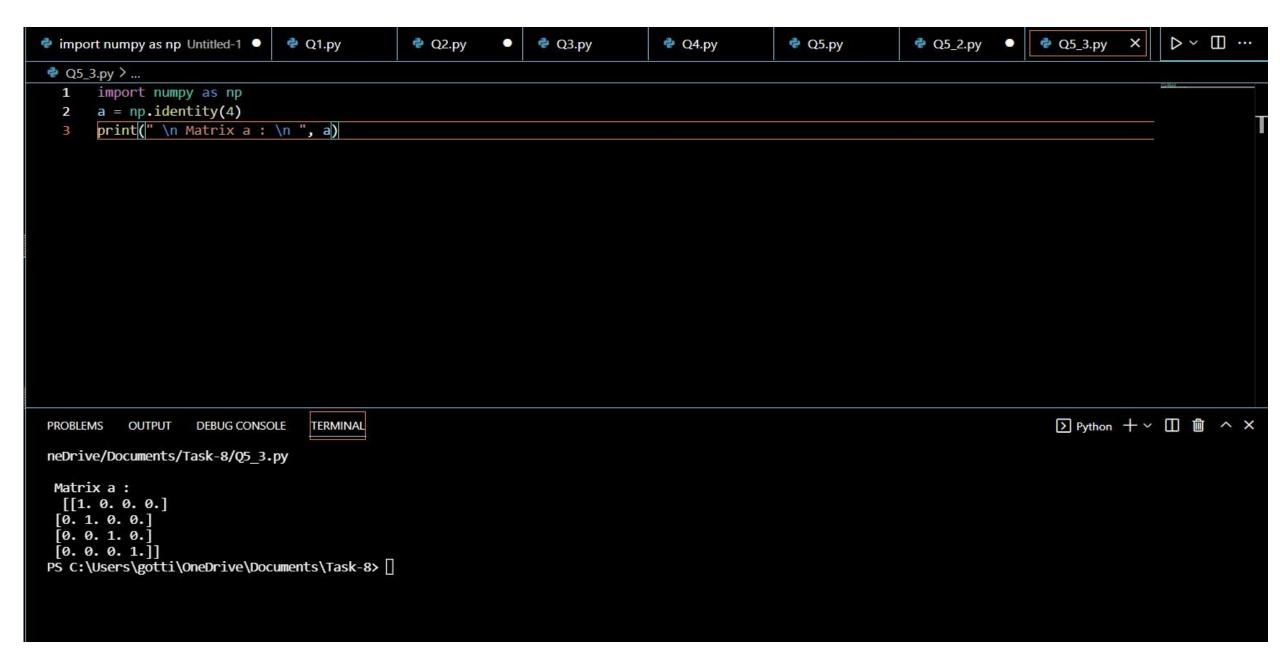
       import numpy as np
  2
      A = np.array([5, 3, 7])
  3
      B = np.array([6, 3, 5])
  4
  5
  6
       print ("1st array : ", A)
       print ("2nd array : ", B)
  7
  8
      out_arr = np.add(A, B)
  9
       print ("added array : ", out arr)
 10
                                  TERMINAL
                                                                                                                                Python 十∨ Ⅲ 前 へ ×
PROBLEMS
          OUTPUT
                   DEBUG CONSOLE
PS C:\Users\gotti\OneDrive\Documents\Task-8> & C:\ProgramData/Anaconda3/Scripts/conda.exe run -n base --no-capture-output --live-stream python c:\Users\gotti\O
neDrive/Documents/Task-8/Q3.py
nan
True
False
nan
False
PS C:\Users\gotti\OneDrive\Documents\Task-8> & C:/ProgramData/Anaconda3/Scripts/conda.exe run -n base --no-capture-output --live-stream python c:/Users/gotti/0
neDrive/Documents/Task-8/Q5.py
1st array: [5 3 7]
2nd array: [6 3 5]
added array : [11 6 12]
PS C:\Users\gotti\OneDrive\Documents\Task-8>
```

Question-5 (2)

```
₱ Q5_2.py > ...

      import numpy as np
      # here,we take two arrays
      a1 = np.array([[1,5,3],[7,1,8]])
      a2 = np.array([[3,4],[4,5],[7,3]])
      a3 = np.dot(a1,a2)
      print(a3)
  6
      # here, we get a 2*2 matrix , as we took 3*2 matrix in a1 and 2*3 matrix in a2 as a result we get the 2*2 matrix
                                                                                                                              TERMINAL
                  DEBUG CONSOLE
PROBLEMS
          OUTPUT
True
False
nan
False
PS C:\Users\gotti\OneDrive\Documents\Task-8> & C:\ProgramData\Anaconda3\Scripts\conda.exe run -n base --no-capture-output --live-stream python c:\Users\gotti\O
neDrive/Documents/Task-8/Q5.py
1st array: [5 3 7]
2nd array : [6 3 5]
added array : [11 6 12]
PS C:\Users\gotti\OneDrive\Documents\Task-8> & C:\ProgramData\Anaconda3\Scripts\conda.exe run -n base --no-capture-output --live-stream python c:\Users\gotti\O
neDrive/Documents/Task-8/Q5 2.py
[[44 38]
 [81 57]]
PS C:\Users\gotti\OneDrive\Documents\Task-8>
```

Question-5 (3)



Question-5 (4)

