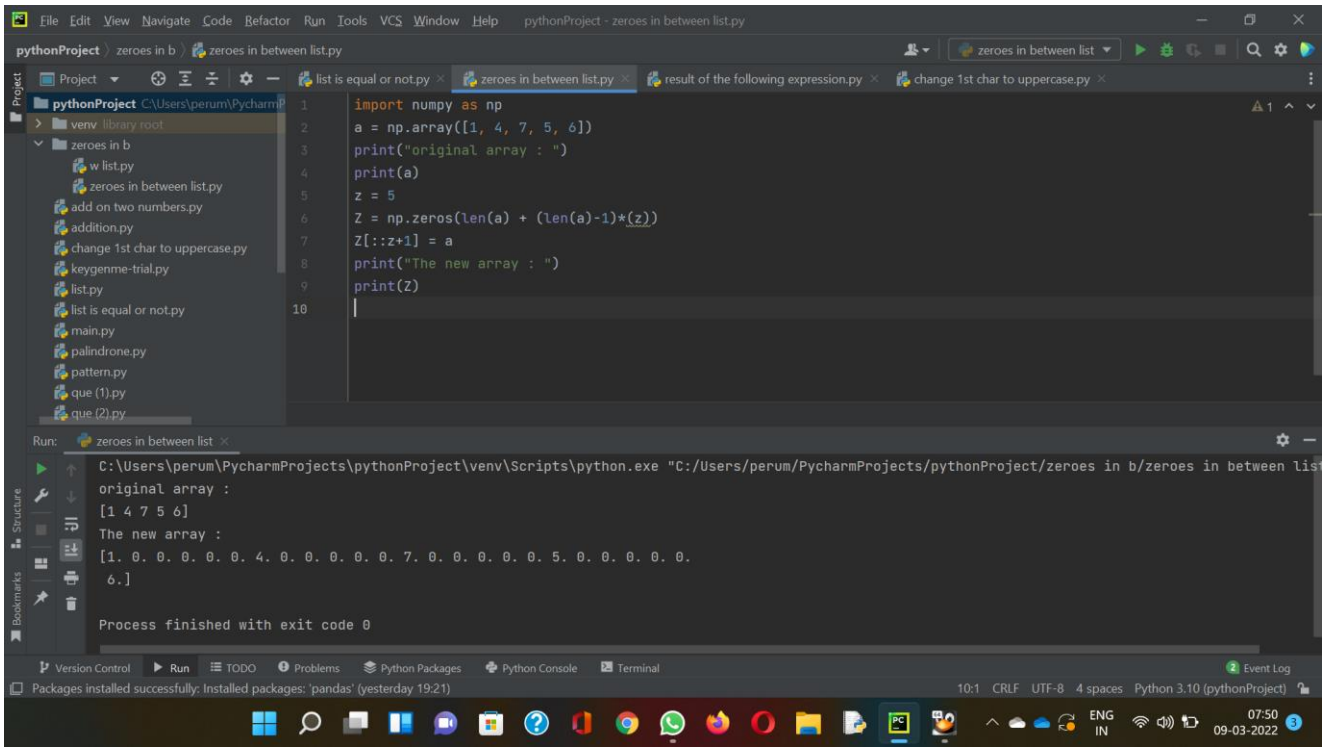
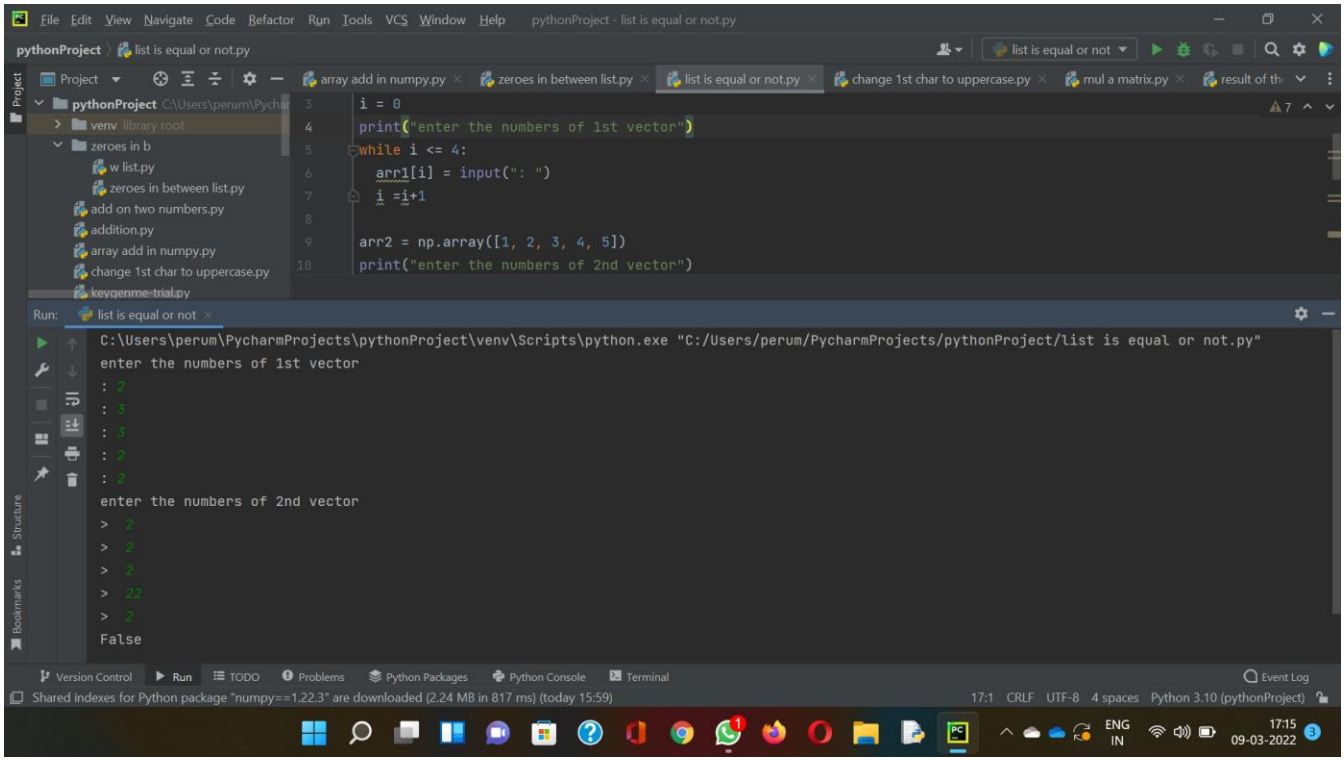
Outputs

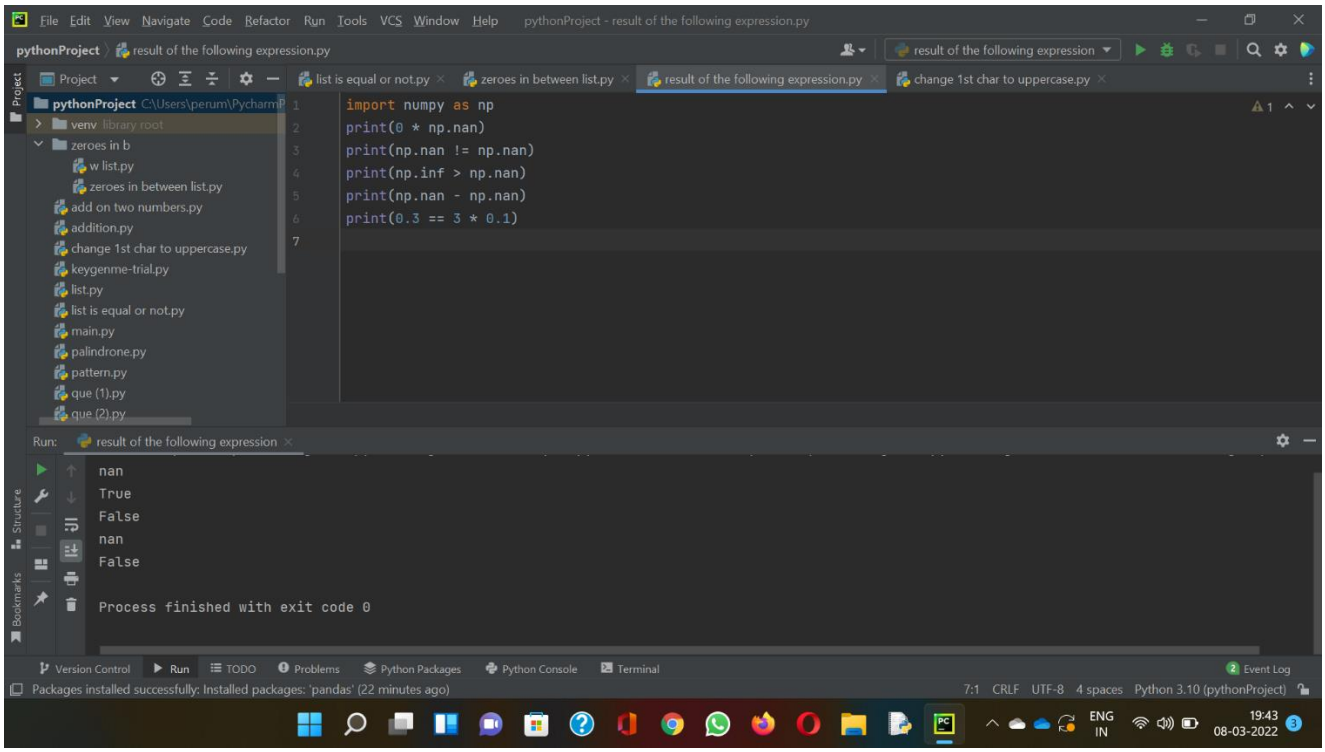
1.a :-



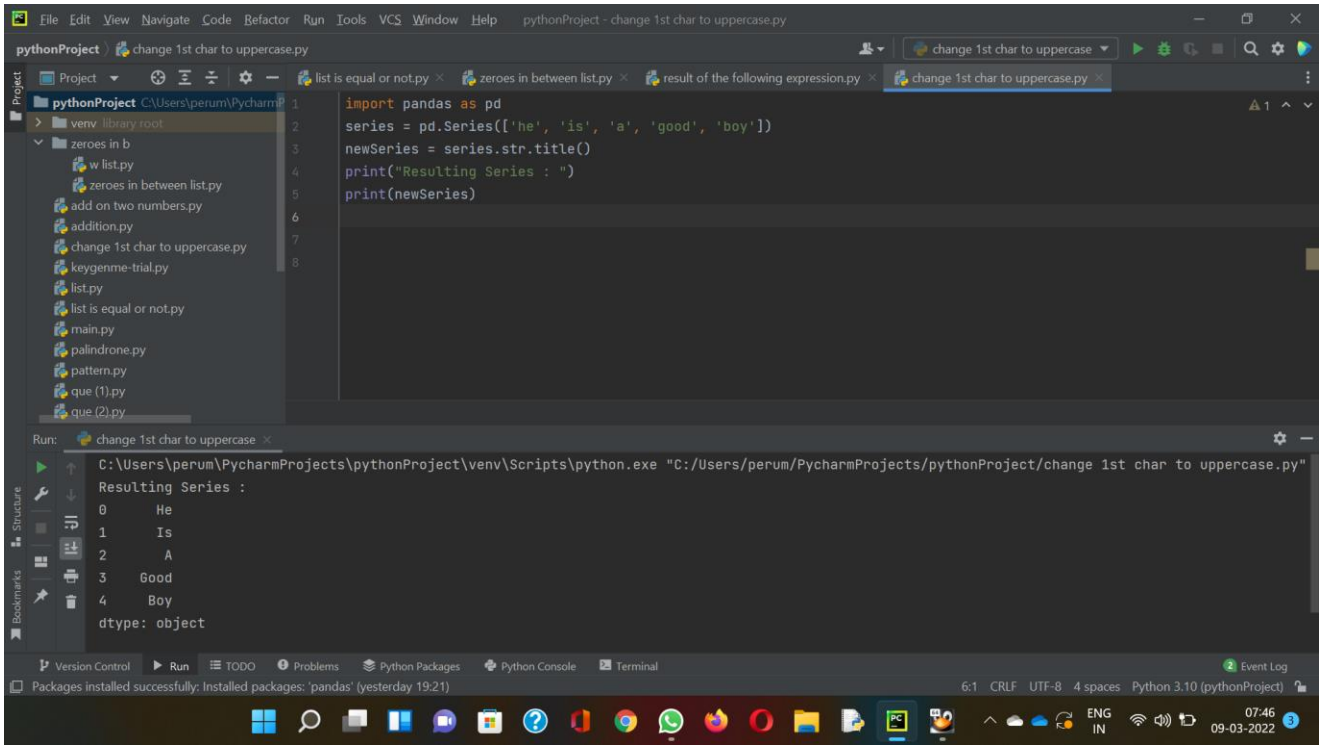
2.a :-



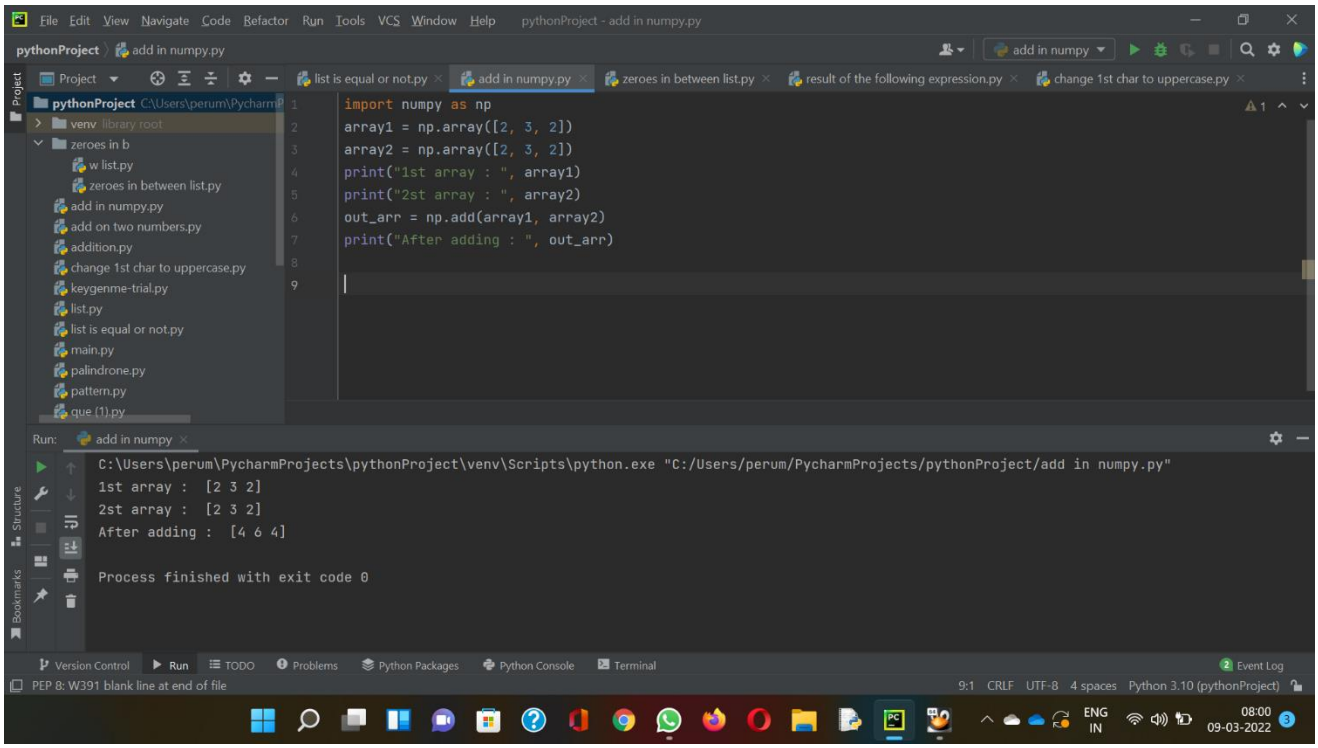
3.a :-


File Edit View Navigate Code Refactor Run Tools VCS Window Help
pythonProject - result of the following expression.py
pythonProject
result of the following expression.py
result of the following expression
list is equal or not.py
zeroes in between list.py
result of the following expression.py
change 1st char to uppercase.py
Project
pythonProject C:\Users\perum\PycharmP
venv library root
zeroes in b
w list.py
zeroes in between list.py
add on two numbers.py
addition.py
change 1st char to uppercase.py
keygenme-trial.py
list.py
list is equal or not.py
main.py
palindrone.py
pattern.py
que (1).py
que (2).py
import numpy as np
print(0 * np.nan)
print(np.nan != np.nan)
print(np.inf > np.nan)
print(np.nan - np.nan)
print(0.3 == 3 * 0.1)
Run:
result of the following expression
nan
True
False
nan
False
Process finished with exit code 0
Version Control
Run
TODO
Problems
Python Packages
Python Console
Terminal
Event Log
Packages installed successfully: Installed packages: 'pandas' (22 minutes ago)
7:1 CRLF UTF-8 4 spaces Python 3.10 (pythonProject)
ENG
IN
19:43
08-03-2022

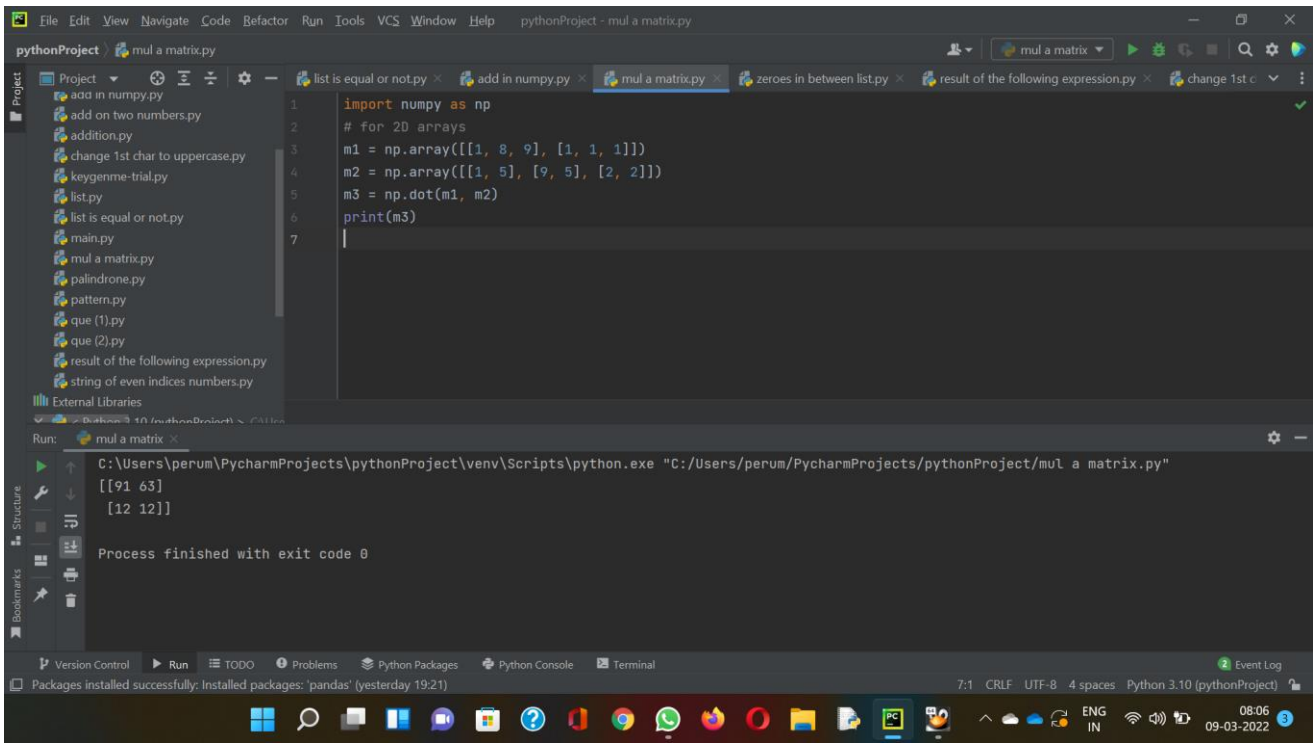
4.a :-


File Edit View Navigate Code Refactor Run Tools VCS Window Help
pythonProject - change 1st char to uppercase.py
pythonProject
change 1st char to uppercase.py
change 1st char to uppercase
list is equal or not.py
zeroes in between list.py
result of the following expression.py
change 1st char to uppercase.py
Project
pythonProject C:\Users\perum\PycharmP
venv library root
zeroes in b
w list.py
zeroes in between list.py
add on two numbers.py
addition.py
change 1st char to uppercase.py
keygenme-trial.py
list.py
list is equal or not.py
main.py
palindrone.py
pattern.py
que (1).py
que (2).py
import pandas as pd
series = pd.Series(['he', 'is', 'a', 'good', 'boy'])
newSeries = series.str.title()
print("Resulting Series : ")
print(newSeries)
Run:
change 1st char to uppercase
C:\Users\perum\PycharmProjects\pythonProject\venv\Scripts\python.exe "C:/Users/perum/PycharmProjects/pythonProject/change 1st char to uppercase.py"
Resulting Series :
0 He
1 Is
2 A
3 Good
4 Boy
dtype: object
Version Control
Run
TODO
Problems
Python Packages
Python Console
Terminal
Event Log
Packages installed successfully: Installed packages: 'pandas' (yesterday 19:21)
6:1 CRLF UTF-8 4 spaces Python 3.10 (pythonProject)
ENG
IN
07:46
09-03-2022

5.A.a


import numpy as np
array1 = np.array([2, 3, 2])
array2 = np.array([2, 3, 2])
print("1st array : ", array1)
print("2st array : ", array2)
out_arr = np.add(array1, array2)
print("After adding : ", out_arr)
C:\Users\perum\PycharmProjects\pythonProject\venv\Scripts\python.exe "C:/Users/perum/PycharmProjects/pythonProject/add in numpy.py"
1st array : [2 3 2]
2st array : [2 3 2]
After adding : [4 6 4]
Process finished with exit code 0

5.B.a :-


import numpy as np
# for 2D arrays
m1 = np.array([[1, 8, 9], [1, 1, 1]])
m2 = np.array([[1, 5], [9, 5], [2, 2]])
m3 = np.dot(m1, m2)
print(m3)
C:\Users\perum\PycharmProjects\pythonProject\venv\Scripts\python.exe "C:/Users/perum/PycharmProjects/pythonProject/mul a matrix.py"
[[91 63]
[12 12]]
Process finished with exit code 0