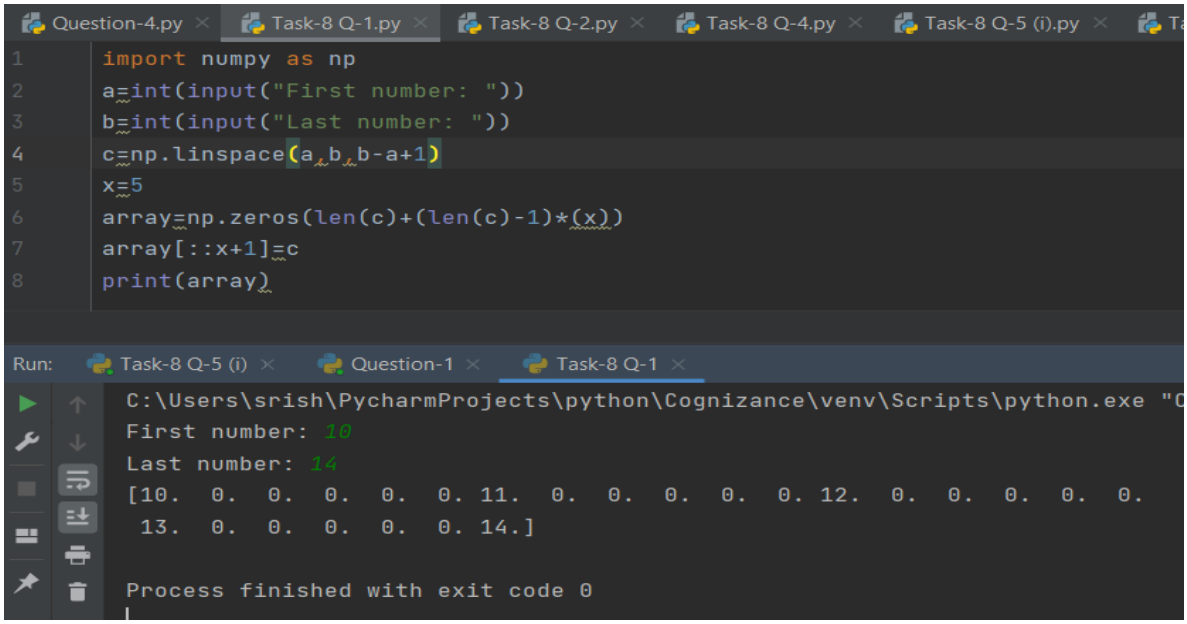
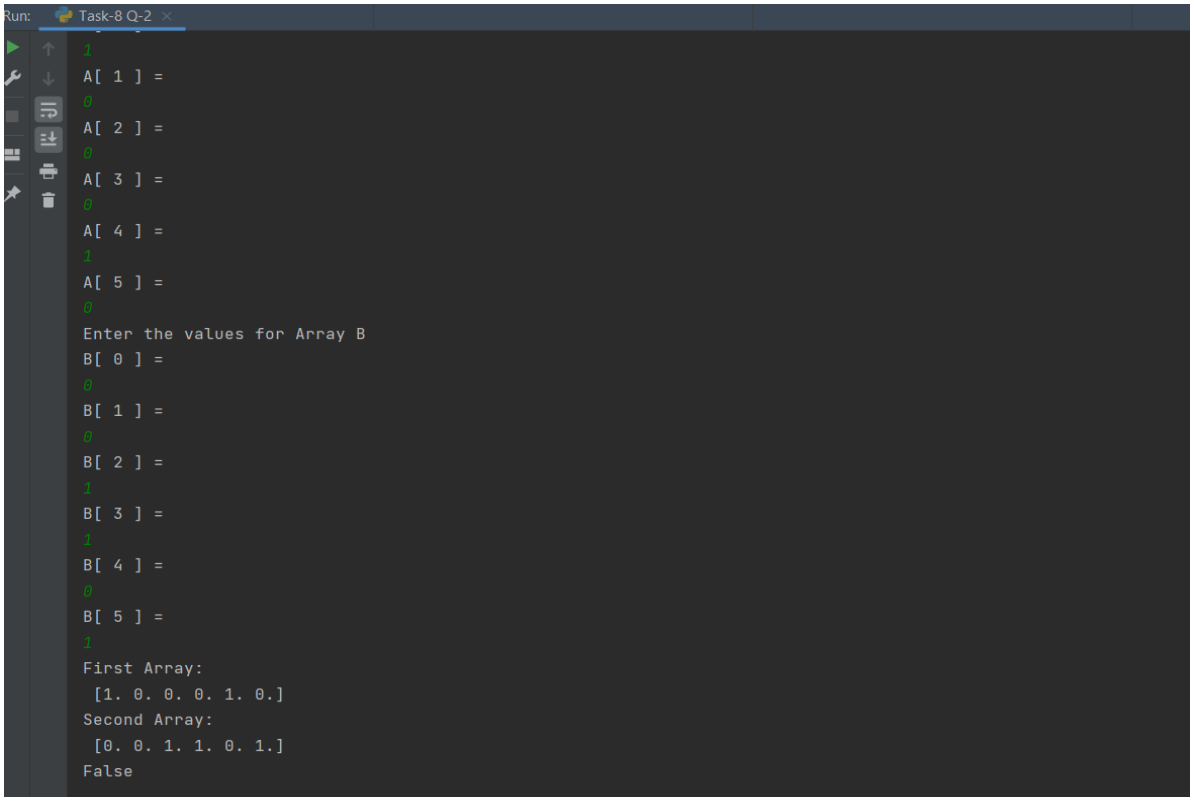
Cognizance

Task-8

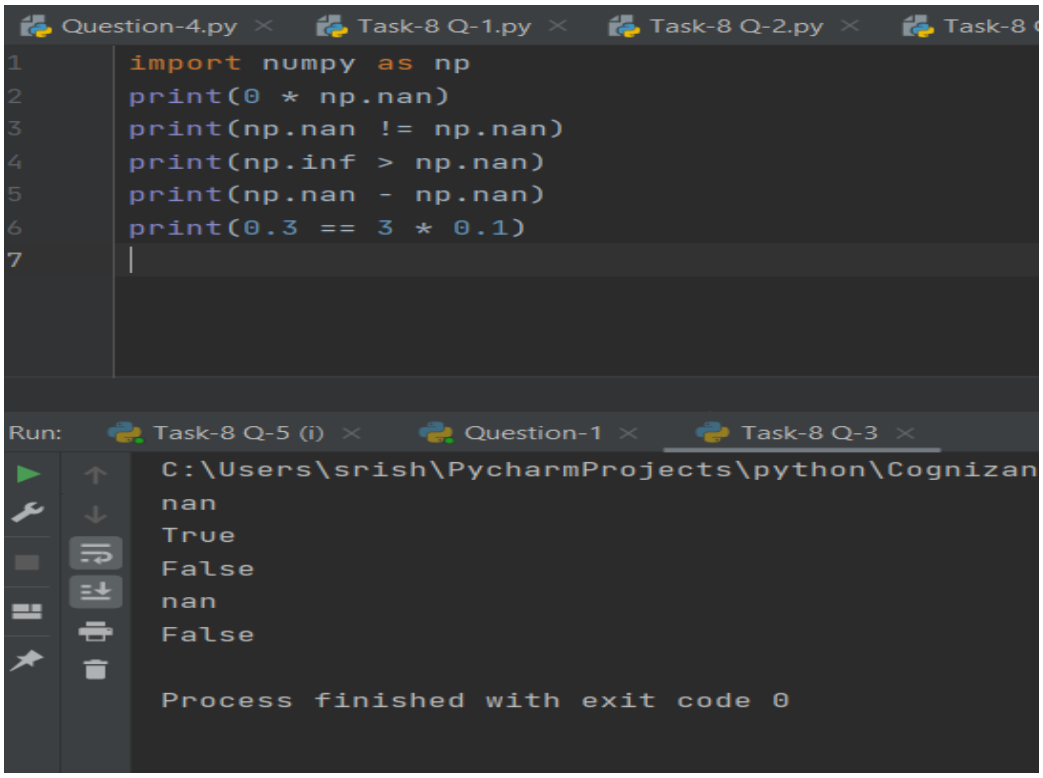
Q1:



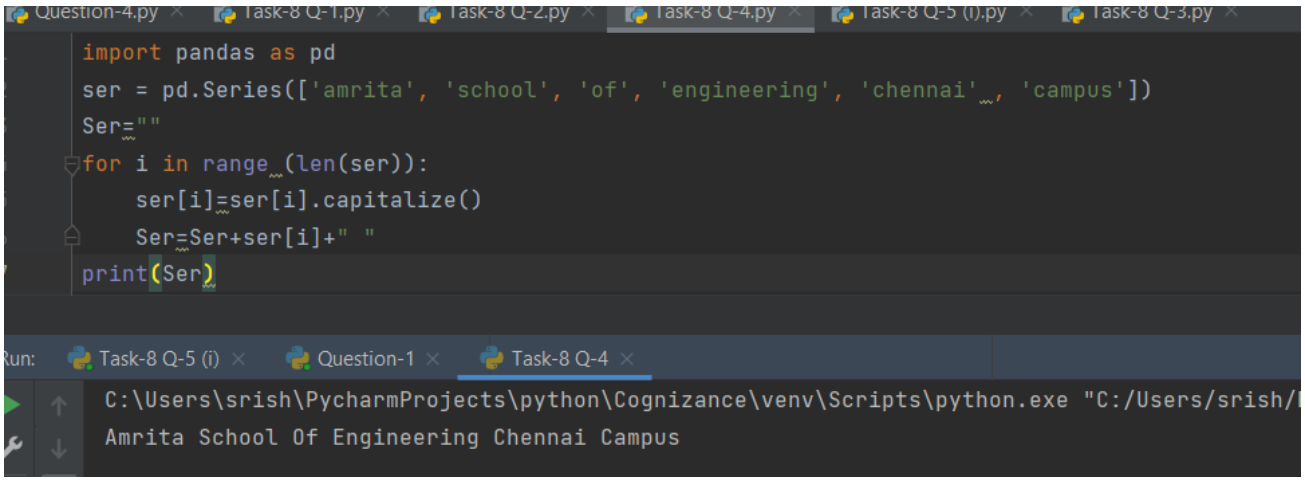
Q2:



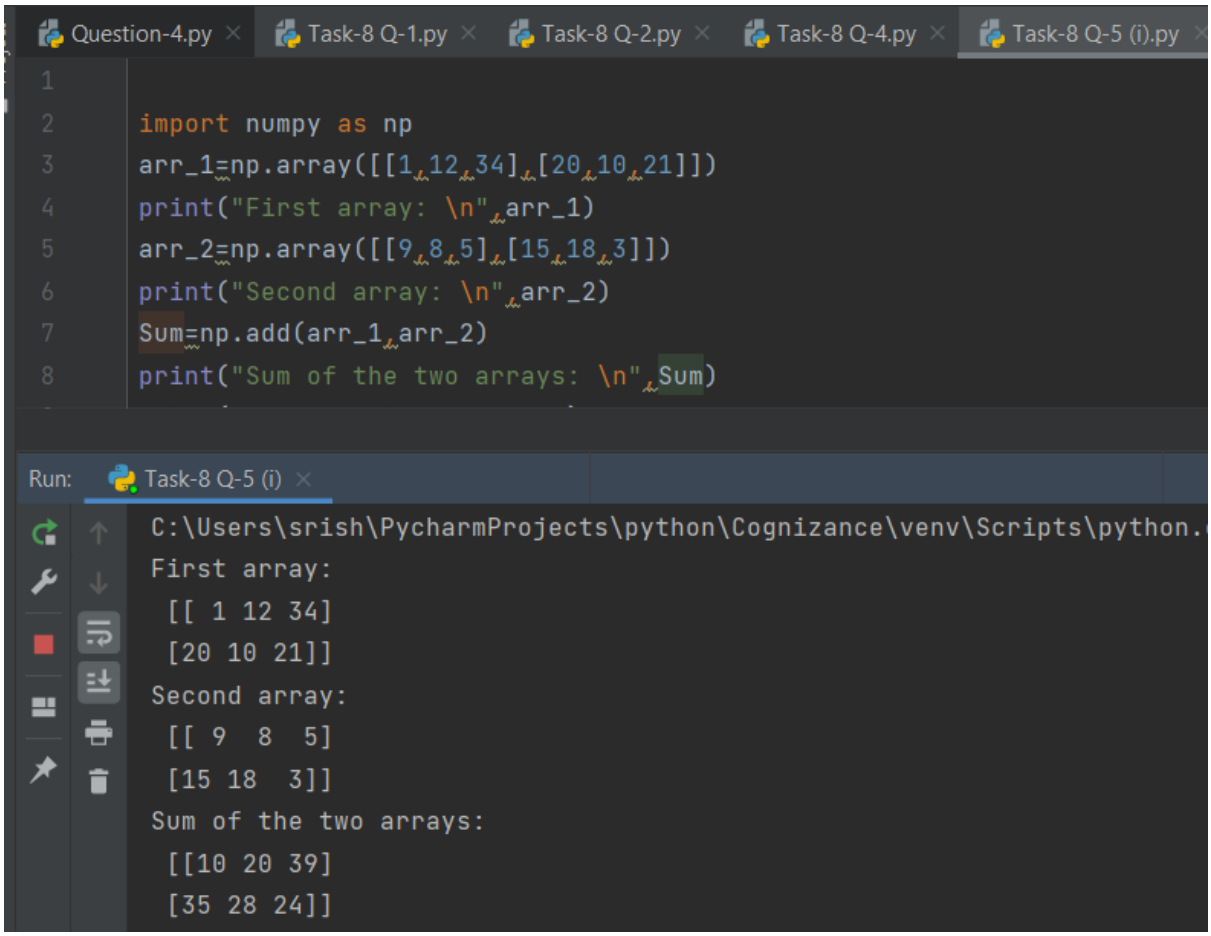
Q3:


Question-4.py
Task-8 Q-1.py
Task-8 Q-2.py
1 import numpy as np
2 print(0 * np.nan)
3 print(np.nan != np.nan)
4 print(np.inf > np.nan)
5 print(np.nan - np.nan)
6 print(0.3 == 3 * 0.1)
7
Run:
Task-8 Q-5 (i)
Question-1
Task-8 Q-3
C:\Users\srish\PycharmProjects\python\Cognizan
nan
True
False
nan
False
Process finished with exit code 0

Q4:


Question-4.py
Task-8 Q-1.py
Task-8 Q-2.py
Task-8 Q-4.py
Task-8 Q-5 (i).py
Task-8 Q-3.py
import pandas as pd
ser = pd.Series(['amrita', 'school', 'of', 'engineering', 'chennai', 'campus'])
Ser=""
for i in range (len(ser)):
ser[i]=ser[i].capitalize()
Ser=Ser+ser[i]+" "
print(Ser)
Run:
Task-8 Q-5 (i)
Question-1
Task-8 Q-4
C:\Users\srish\PycharmProjects\python\Cognizance\venv\Scripts\python.exe "C:/Users/srish/
Amrita School Of Engineering Chennai Campus

Q5) i) Addition pf two numpy arrays.



Q5)ii)Array Re-dimensioning