COGNIZANCE

MOULIKA SAI

21232

QN 1

QN 2

QN 3

```
task8.py x

import numpy as np
print(0*np.nan)
print(np.nan != np.nan)
print(np.nan - np.nan)
print(np.nan - np.nan)
print(0.3 == 3*0.1)

#Unnamed x  task8 x

D:\SEM1\Cognizance\moulika\venv\Scripts\python.exe D:\SEM1/Cognizance/moulika/venv/task8.py
nan
True
False
nan
False
Process finished with exit code 0
```

QN 4

```
import pandas as pd

result=''

x=int(input("Enter The Length Of The Array:"))

y=[input("Enter The Element:") for i in range(x)]

z=pd.Series(y)

for i in range(len(y)):

result+=(" "+z[i])

print(result.title())

if x==y:
 print("True")

for iin range(len(y))

# Unnamed ×  task8 ×

D:\SEM1\Cognizance\moulika\venv\Scripts\python.exe D:\SEM1/Cognizance/moulika/venv/task8.py

Enter The Length Of The Array:3

Enter The Element:amrita

Enter The Element:vishwa

Enter The Element:vishwa

Enter The Element:vishyapeetam

Amrita Vishwa Vidhyapeetam

Process finished with exit code 0
```

QN 5 PART(1)

```
import numpy as np
    x = ([1, 6, 8],[2, 7, 8],[1, 0, 5])
    y = ([12, 61, 6],[7, 5, 9],[7, 2, 5])
    z = np.dot(x,y)
    print(z)

D:\SEM1\Cognizance\moulika\venv\Scripts\python.exe D:/SEM1/Cognizance/moulika/venv/task8.py
    [[110 107 100]
        [129 173 115]
        [ 47 71 31]]

Process finished with exit code 0
```

QN 5 PART(2))