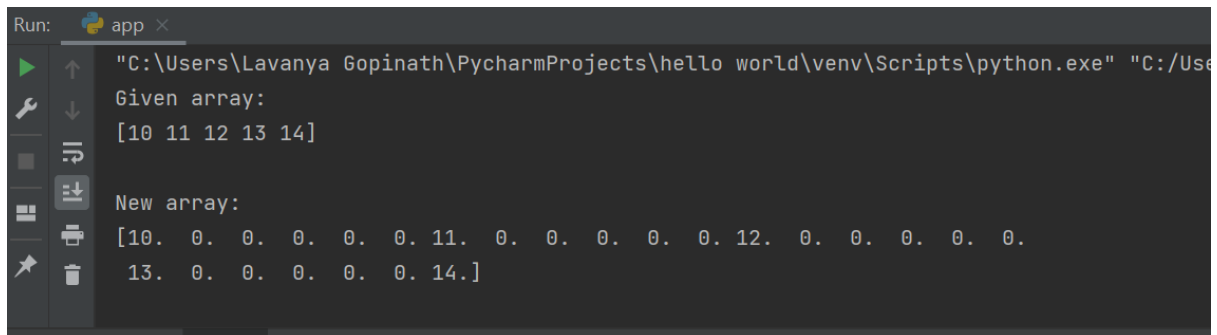


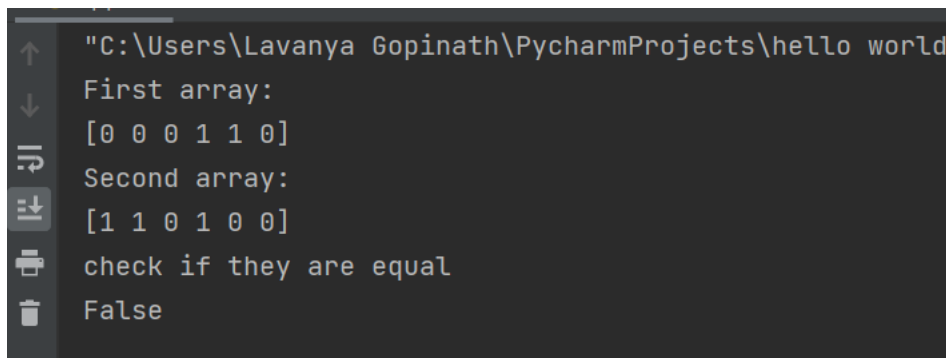
## OUTPUT SCREENSHOT

### QUESTION 1



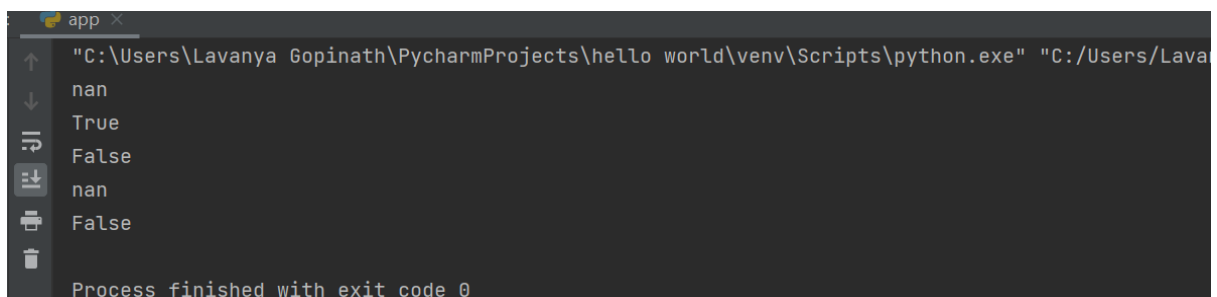
```
Run: app x
"C:\Users\Lavanya Gopinath\PycharmProjects\hello world\venv\Scripts\python.exe" "C:/Users/Lavanya Gopinath/PycharmProjects/hello world/main.py"
Given array:
[10 11 12 13 14]
New array:
[10.  0.  0.  0.  0.  0. 11.  0.  0.  0.  0.  12.  0.  0.  0.  0.
 13.  0.  0.  0.  0.  0. 14.]
```

### QUESTION 2



```
"C:\Users\Lavanya Gopinath\PycharmProjects\hello world\venv\Scripts\python.exe" "C:/Users/Lavanya Gopinath/PycharmProjects/hello world/main.py"
First array:
[0 0 0 1 1 0]
Second array:
[1 1 0 1 0 0]
check if they are equal
False
```

### QUESTION 3



```
app x
"C:\Users\Lavanya Gopinath\PycharmProjects\hello world\venv\Scripts\python.exe" "C:/Users/Lavanya Gopinath/PycharmProjects/hello world/main.py"
nan
True
False
nan
False
Process finished with exit code 0
```

## QUESTION 4

```
app x
"C:\Users\Lavanya Gopinath\PycharmProjects\hello world\venv\Scripts
0      amrita
1      school
2      of
3      engineering
4      chennai
5      campus
dtype: object
0      Amrita
1      School
2      Of
3      Engineering
4      Chennai
5      Campus
dtype: object

Process finished with exit code 0
```

## QUESTION 5

(1)

```
"C:\Users\Lavanya Gopinath\PycharmProjects\hello world\venv\Scripts
1st array : [1 2 3]
2nd array : [3 4 5]
sum: [4 6 8]

Process finished with exit code 0
```

(2)

```
app.py
"C:\Users\Lavanya Gopinath\PycharmProjects\hello world\venv\Scripts\python.exe"
[[ 30  66  83]
 [ 36  81 100]
 [ 41 104 117]]

Process finished with exit code 0
```