1st prob

```
Windows PowerShell
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PS F:\python vsc> & C:/Users/abhih/AppData/Local/Microsoft/WindowsApps/python3.10.exe "f:/python vsc/python medicore lvl-task 8/1st.py"
First Number: 8
Second Number: 13
[ 8.  0.  0.  0.  0.  0.  9.  0.  0.  0.  0.  0. 10.  0.  0.  0.  0.  0.
 11.  0.  0.  0.  0.  0. 12.  0.  0.  0.  0.  0. 13.]
PS F:\python vsc>
```

2nd prob

```
enter the elements of 1st array : 1
enter the elements of 1st array : 1
enter the elements of 2nd array : 1
enter the elements of 2nd array : 2
enter the elements of 2nd array : 3
enter the elements of 2nd array : 1
enter the elements of 2nd array : 1
enter the elements of 2nd array : 1
[1 2 3 1 1 1]
[1 2 3 1 1 1]
True
PS F:\python vsc>
```

3rd prob

```
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PS F:\python vsc> & C:/Users/abhih/AppData/Local/Microsoft/WindowsApps/python3.10.exe "f:/python vsc/python medicore lvl-task 8/3.py"
nan
True
False
nan
False
PS F:\python vsc>
```

4th prob

```
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PS F:\python vsc> & C:/Users/abhih/AppData/Local/Microsoft/WindowsApps/python3.10.exe "f:/python vsc/python medicore lvl-task 8/4.convert 1st letter to upperca
se.py"
0         amrita
1         school
2             of
3    engineering
4        chennai
5         campus
dtype: object
Amrita School Of Engineering Chennai Campus
PS F:\python vsc>
```

5th i prob

```
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PS F:\python vsc> & C:/Users/abhih/AppData/Local/Microsoft/WindowsApps/python3.10.exe "f:/python vsc/python medicore lvl-task 8/5.1.numpy add 2 arrays.py"
enter the limit of arrays : 4
enter the elements of 1st array : 1
enter the elements of 1st array : 2
enter the elements of 1st array : 3
enter the elements of 1st array : 5
enter the elements of 2nd array : 1
enter the elements of 2nd array : 4
enter the elements of 2nd array : 8
enter the elements of 2nd array : 9
[ 2  6 11 14]
```

5th ii prob

```
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PS F:\python vsc> & C:/Users/abhih/AppData/Local/Microsoft/WindowsApps/python3.10.exe "f:/python vsc/python medicore lvl-task 8/5.2.multiplication of umpy arra
y.py"
[[3, 6, 8], [7, 3, 1], [1, 1, 1]]
[[1, 1, 9], [6, 2, 3], [1, 1, 1]]
[[47 23 53]
 [26 14 73]
 [ 8  4 13]]
PS F:\python vsc>
```