TASK 8 OUTPUT OF PGMS

Q1.

```
Shell                                                    Clear

Enter first number:1
Enter last number:5
[1. 0. 0. 0. 0. 0. 2. 0. 0. 0. 0. 0. 3. 0. 0. 0. 0. 0. 4. 0. 0. 0. 0. 0.
 5.]
>
```

Q2.

```
Shell                                                    Clear

True
> |
```

Q3.

```
Shell                                                    Clear

nan
True
False
nan
False
> |
```

Q4.

Q.5

1)

```
EXERCISE TO ADD TWO ARRAYS
ENTER NUMBER OF ELEMENTS TO BE ADDED TO ARRAY-1 : 4
ENTER THE ELEMENTS TO BE ADDED :
5
4
1
6
[5, 4, 1, 6]
ENTER NUMBER OF ELEMENTS TO BE ADDED TO ARRAY-2 : 4
ENTER THE ELEMENTS TO BE ADDED :
5
6
8
2
[5, 6, 8, 2]
1st Input array :  [5 4 1 6]
2nd Input array :  [5 6 8 2]
ANSWER AFTER ADDING TWO ARRAY :  [10 10  9  8]
>
```

Q2.)

```
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

==== RESTART: C:/Users/Sanjay/AppData/Local/Programs/Python/Python310/Q1.py ====
ENTER THE VALUES FOR FIRST MATRIX
Enter the number of rows needed :2
Enter the number of columns needed :2
Enter the entries row wise :
4
5
9
7
4 5
9 7

ENTER THE VALUES FOR SECOND MATRIX
Enter the number of rows needed :2
Enter the number of columns needed :2
Enter the entries rowwise:
4
8
6
7
4 8
6 7

ANSWER AFTER MULTIPLYING THE ABOVE TWO MATRIX
[46, 67]
[78, 121]
```