Outputs

Question 1

```
Enter starting number : 10
Enter ending number : 15
Before :
[10 11 12 13 14 15]
After :
[10.  0.  0.  0.  0.  0. 11.  0.  0.  0.  0.  0. 12.  0.  0.  0.  0.  0.
 13.  0.  0.  0.  0.  0. 14.  0.  0.  0.  0.  0. 15.]
```

Question 2

```
Enter array's size : 3
For array 1
Enter array element : 3
Enter array element : 4
Enter array element : 5
For array 2
Enter array element : 3
Enter array element : 4
Enter array element : 5
Result :   True
```

Question 3

```
nan
True
False
nan
False
```

Question 4

```
Enter a statement : little do you know i
Little Do You Know I
```

Question 5 : Part 1 (Identity matrix)

```
Enter the order of the Identity matrix : 5
[[1. 0. 0. 0. 0.]
 [0. 1. 0. 0. 0.]
 [0. 0. 1. 0. 0.]
 [0. 0. 0. 1. 0.]
 [0. 0. 0. 0. 1.]]
```

Question 5 : Part 2 (Getting the positions where elements of 2 numpy arrays match

```
Enter the length of array : 3
For array 1
Enter element : 1
Enter element : 2
Enter element : 3
For array 2
Enter element : 1
Enter element : 2
Enter element : 5
Matching indexes :
[0 1]
```