

### Output Q1

```
Namespaces are one honking great idea -- let's do more of those!  
enter the first number  
10  
enter the last number  
14  
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  
PS C:\Users\DELL>
```

### Output Q2

```
PS C:\Users\DELL> & C:/Users/DELL/Programs/Python/Python310/python.exe c:/Users/DELL/OneDrive/Desktop/Q2.py  
size of array:  
1  
enter the elements of the array A  
112244  
enter the elements of array B  
455216  
false  
PS C:\Users\DELL>
```

### Output Q3

```
PS C:\Users\DELL> python -u "c:\Users\DELL\OneDrive\Desktop\Q3.py"  
nan  
True  
False  
nan  
False  
PS C:\Users\DELL>
```

### Output Q4

```
PS C:\Users\DELL> & C:/Users/DELL/Programs/Python/Python310/python.exe c:/Users/DELL/OneDrive/Desktop/Q4.py  
enter the size of array:6  
enetr the element:amrita  
enetr the element:school  
enetr the element:of  
enetr the element:engineering  
enetr the element:chennai  
enetr the element:campus  
Amrita School Of Engineering Chennai Campus  
PS C:\Users\DELL>
```

### Q5. Output q3

```
PS C:\Users\DELL> & C:/Users/DELL/Programs/Python/Python310/python.exe c:/Users/DELL/OneDrive/Desktop/Q5q3.py  
[[1. 0. 0. 0.]  
 [0. 1. 0. 0.]  
 [0. 0. 1. 0.]  
 [0. 0. 0. 1.]]  
PS C:\Users\DELL>
```

