

Python Homework Lab1

1)

```
===== RESTART: /Users/berk/Desktop/Lab1_Q1.py =====  
Please enter an integer !!4  
1 1 0 0  
0 1 1 0  
1 0 0 1  
0 0 0 1  
>>>
```

2)

```
===== RESTART: /Users/berk/Desktop/Lab1_Q2.py =====  
Please enter rows for two dim array:3  
Enter 3 list of int:  
1 2 3  
4 5 6  
7 8 9  
[[1, 2, 3], [4, 5, 6], [7, 8, 9]]  
Enter a list please  
4 5 6  
List is in the two dim list  
Enter a list please  
1 3 5  
List is not in the two dim list  
Enter a list please  
|
```

3)

```
===== RESTART: /Users/berk/Desktop/Lab1_Q3.py =====  
Non-negative first integer >=2 : 64  
Non-negative second integer >=2 : 12  
Greatest common divisor is: 4  
>>> |
```

4)

```
===== RESTART: /Users/berk/Desktop/Lab1_Q4.py =====  
Non-negative integer >=2 please: 64  
Another Non-negative integer >=2 please: 12  
Common prime factors are: [2, 2]  
Greatest common divisor: 4  
>>> |
```

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5a)

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===== RESTART: /Users/berk/Desktop/Lab1_Q5_a.py =====  
Non-negative first integer >=2 : 98765  
Non-negative second integer >=2 : 94321  
Greatest common divisor is: 1  
0.15364789962768555  
>>> |
```

5b)

```
===== RESTART: /Users/berk/Desktop/Lab1_Q5_b.py =====  
Non-negative integer >=2 please: 98765  
Another Non-negative integer >=2 please: 94321  
Common prime factors are: []  
Greatest common divisor: 1  
6.4037086963653564  
>>>
```