

task_python2

March 6, 2023

que1:-

```
[12]: def check():
        password1='REwa04@$#7'
        password=input('please enter password:')
        if password == password1:
            print('Valid Password')
        else:
            print('Invalid password')
```

```
[14]: check()
```

please enter password: REwa04@\$#7

Valid Password

que2:-

using lambda function for square of 1 to 10 number:-

```
[30]: numbers=(1,2,3,4,5,6,7,8,9,10)
        square_numbers = list(map(lambda x: x ** 2, numbers))
        print(square_numbers)
```

```
[1, 4, 9, 16, 25, 36, 49, 64, 81, 100]
```

using filter function for square of 1 to 10 number:-

```
[36]: l=[1,2,3,4,5,6,7,8,9,10]
        list(map(lambda x:x**2,l))
```

```
[36]: [1, 4, 9, 16, 25, 36, 49, 64, 81, 100]
```

using map function for square of 1 to 10 number:-

```
[37]: numbers=(1,2,3,4,5,6,7,8,9,10)
        square_numbers = list(map(lambda x: x ** 2, numbers))
        print(square_numbers)
```

```
[1, 4, 9, 16, 25, 36, 49, 64, 81, 100]
```

using list comprehension function square of 1 to 10 numbers:-

```
[44]: l=[1,2,3,4,5,6,7,8,9,10]  
      [i**2 for i in l]
```

```
[44]: [1, 4, 9, 16, 25, 36, 49, 64, 81, 100]
```

```
[ ]:
```