Untitled

April 7, 2023

0.1 Lamda functions

[4]:
```
## square function
```

[1]:
```
n=3
p=2
```

[2]:
```
def test(n,p):
    return n**p
```

[3]:
```
test(3,2)
```

[3]:
```
9
```

[5]:
```
test(6,6)
```

[5]:
```
46656
```

[6]:
```
lambda n,p : n**p
```

[6]:
```
<function __main__.<lambda>(n, p)>
```

[9]:
```
## a function without name
```

[10]:
```
add = lambda x,y : x+y
```

[11]:
```
add(7,4)
```

[11]:
```
11
```

[12]:
```
def test1(a,b):
    c=a+b
    return c
```

[13]:
```
test1(7,4)
```

[13]:
```
11
```

[14]:
```
## conversion of degree to farhenite
```

[16]:
```
c_to_f = lambda c : (9/5)*c+32
```

[17]:
```
c_to_f(32)
```

[17]: 89.6

[19]:
```
## max number between two different num
```

[20]:
```
max_two= lambda x,y : x if x>y else y
```

[21]:
```
max_two(32,34)
```

[21]: 34

[29]:
```
def test5(x,y):
    for x in range(x,y):
            if x>y:
                print(x)
    else :
        print(y)
```

[32]:
```
test5(23,24)
```

24

[ ]:

[33]:
```
s="pwskills"
```

[34]:
```
len(s)
```

[34]: 8

[38]:
```
length_string = lambda x : len(x)
```

[39]:
```
length_string("punith")
```

[39]: 6

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