Day_9_Lambda(DATA_MINDS)

September 12, 2023

LAMBDA

[3]:
```
a=5
b=2
```

[4]:
```
def test(a,b):
    return a**b
```

[5]:
```
test(5,2)
```

[5]: 25

LAMBDA - IT IS RESERVED KEYWORD IN PYTHON , we can write functions in one line with the help of Lambda

[7]:
```
c=lambda n,p:n+p
```

[8]:
```
c(5,2)
```

[8]: 7

[10]:
```
a=lambda n,m:n**m
```

[11]:
```
a(4,3)
```

[11]: 64

[12]:
```
v=lambda a,b:a/b
```

[13]:
```
v(15,3)
```

[13]: 5.0

[16]:
```
add=lambda c,b:c+b
```

[17]:
```
add(2,6)
```

[17]: 8

[22]:
```
sub=lambda c,b:c-b
```

[24]:
```
sub(500,25)
```

[24]: 475

[25]:
```
mul=lambda a,b:a*b
```

[26]:
```
mul(8,2)
```

[26]: 16

[27]:
```
div=lambda a,b:a/b
```

[28]:
```
div(24,7)
```

[28]: 3.4285714285714284

[29]:
```
squ=lambda a,b:a**b
```

[30]:
```
squ(21,2)
```

[30]: 441

Celsius to Fahrenheit CONVERSION

[35]:
```
c_to_f=lambda c:(9/5)*c+32
```

[36]:
```
c_to_f(25)
```

[36]: 77.0

[37]:
```
finding_max=lambda a,b:a if a>b else b
```

[39]:
```
finding_max(25,34)
```

[39]: 34

[40]:
```
finding_min=lambda a,b:a if a<b else b
```

[41]:
```
finding_min(44,36)
```

[41]: 36

[42]:
```
s="Virat Tiwari"
```

[43]:
```
len(s)
```

[43]: 12

[44]:
```
find_len=lambda s:len(s)
```

[45]:
```
find_len(s)
```

[45]: 12

NOTE - LAMBDA IS BASICALLY ANONYMOUS FUNCTION IN WHICH WE MAKE FUNCTION AND PUT IT INTO THE VARIABLE AND WE CALL THEM VARIABLE WHENEVER WE REQUIRE THAT FUNCTION

NOTE - WE CAN USE “DEF” KEYWORD’S FUNCTION ALSO AS AN ALTERNATIVE OF THIS LAMBDA FUNCTION , BOTH ARE ALMOST SAME