

Lab 2

Jhonatan_LAB2 >  lab2_1.py > ...

```
1 greet = "welcome to a new semester!"
2 first, last = "jhonatan","parada"
3 class1, class2, class3 = "et574", "ma119", "engl101"
4
5 name = f"{first} {last}"
6 courses = f"{class1}\t{class2}\t{class3}"
7
8 print(greet.capitalize())
9 print(f"Name: {name.title()}")
10 print(f"Courses: {courses.upper()}")
11
```

```
● @jhonatanparada499 →/workspaces/Jhonatan_ET574 (main) $ /home/codespace/.python/current/bin/python3
  natan_ET574/Jhonatan_LAB2/lab2_1.py
  Welcome to a new semester!
  Name: Jhonatan Parada
  Courses: ET574  MA119  ENGL101
```

Jhonatan_LAB2 >  lab2_2.py > ...

```
1 email = "jhonatanparada499@gmail.com"
2
3 email_address = email[::]
4 user_name = email[:email.find("@")]
5 company_name = email[email.find("@") + 1:email.rfind(".")]
6
7 print(
8     f"\
9     Email address: {email_address}\n\
10    User name: {user_name.lower()}\n\
11    Company_name: {company_name.upper()}\
12    "
13 )
14
```

```
● @jhonatanparada499 →/workspaces/Jhonatan_ET574 (main) $ /home/codespace/.python/current/bin/python3
  natan_ET574/Jhonatan_LAB2/lab2_2.py
  Email address: jhonatanparada499@gmail.com
  User name: jhonatanparada499
  Company_name: GMAIL
```

Jhonatan_LAB2 > lab2_3.py > ...

```
1 pyramid_height = 8
2
3 for i in range(pyramid_height):
4     print(" " * (pyramid_height - (i + 1)), "*" * (i + (i + 1)), sep='', end='\n')
5
6
```

● @jhonatanparada499 → /workspaces/Jhonatan_ET574 (main) \$ /home/codespace/.python/current/bin/python3 natan_ET574/Jhonatan_LAB2/lab2_3.py

```
 *
***
*****
*****
*****
*****
*****
*****
```

```

Jhonatan_LAB2 > lab2_4.py > ...
1  #A print("Python").Upper()
2  #Errors: .Upper() is not a method of the function print(), first character must be lowercase
3  print("Python".upper())
4
5  #B Print('Say it ain't so.')
6  #Errors: Quote mark in the word "ain't" is closing the string of the function
7  #and it is not concatenating the rest of it
8  print('Say it ain\'t so')
9
10 #C print(''*5 +Hotel+''*5)
11 #Errors: Unless "Hotel" is a variable containing a string, it must be set as string in order to
12 #be concatenated with the other strings
13 print(''*5+'Hotel'+''*5)
14
15 #D txt = "ET"
16 # class = 574
17 # print(txt+class)
18 #Errors: Forgot to add quotation mark to 574, int or float values cannot be concatenated with strings
19 txt = "ET"
20 class_0 = "574"
21 print(txt+class_0)
22
23 #E n = 1234
24 # print(n.find('2'))
25 #Errors: .find() is a string method, therefore, variable n must contain a string, not an int or
26 #float value
27 n = '1234'
28 print(n.find('2'))
29
30 #F num = 101
31 # print(num[0])
32 #Errors: The brackets in this context are used to access an element by their index, they don't
33 #work with int and float values but strings and lists
34 num = '101'
35 print(num[0])

```

• @jhonatanparada499 → /workspaces/Jhonatan_ET574 (main) \$ /home/codespace/.python/current/bin/python3 /workspaces/Jhonatan_ET574/Jhonatan_LAB2_b2_4.py
 PYTHON
 Say it ain't so
 *****Hotel*****
 ET574
 1
 1