

Labs cakes:

1 Lab1: [sum-calculator.py](#)

- 2 Write a program that will ask for two numbers (integer or float) and calculate the sum of those two numbers.

Display on the screen: the sum of number1 and number2 is: sum.

3 Lab2: [body-weight-converto.py](#)

- 4 Write a program that will ask for a user body weight in pound (lbs) and convert it in kilogram (kg)

Display on the screen: your body weight is: **weight** in **lbs**, and the equivalent in kgs is: **weight** kg. Thank you!

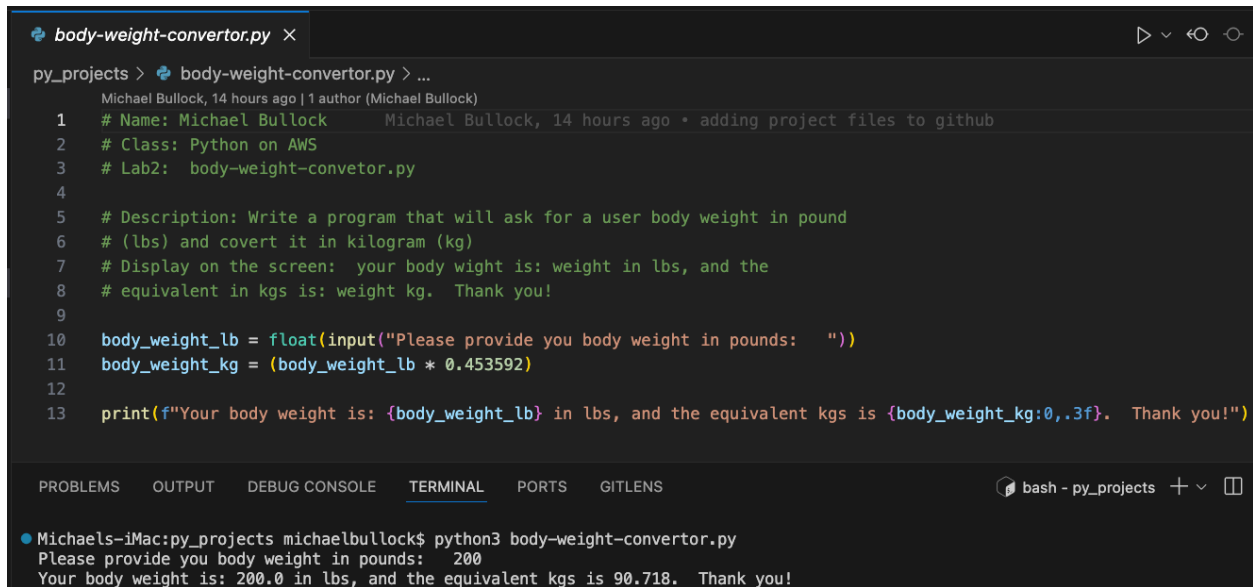
only display three digit decimal e.g: 10.234

Lab1: sum-calculator.py

```
sum-calculator.py x
py_projects > sum-calculator.py > ...
Michael Bullock, 14 hours ago | 1 author (Michael Bullock)
1 # Name: Michael Bullock      Michael Bullock, 14 hours ago • adding project files to github
2 # Class: Python on AWS
3 # Lab1: sum-calculator.py
4
5 # Description: Write a program that will ask for two numbers (integer or float)
6 # and calculate the sum of those two numbers
7 # Display on the screen: the sum of number 1 and number2 is: sum
8
9 answer1 = int(input("Please provide a whole number: "))
10 answer2 = float(input("Please provide a decimal number: "))
11 result = answer1 + answer2
12
13 print(f"The sum of {answer1} and {answer2} is: {result}")

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  GITLENS
● Michaels-iMac:py_projects michaelbullock$ python3 sum-calculator.py
Please provide a whole number: 20
Please provide a decimal number: 10.23
The sum of 20 and 10.23 is: 30.23
```

Lab2: body-weight-converter.py



The image shows a code editor window with a dark theme. The title bar at the top reads "body-weight-convector.py" with a close button. The editor content shows a Python script with line numbers 1 through 13. The script includes a docstring with author information and a description, followed by code that takes user input, converts it from pounds to kilograms, and prints the result. The bottom of the window features a terminal panel with tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL, PORTS, and GITLENS. The TERMINAL tab is active, showing the command to run the script and its output.

```
body-weight-convector.py ×
py_projects > body-weight-convector.py > ...
Michael Bullock, 14 hours ago | 1 author (Michael Bullock)
1 # Name: Michael Bullock      Michael Bullock, 14 hours ago • adding project files to github
2 # Class: Python on AWS
3 # Lab2:  body-weight-convector.py
4
5 # Description: Write a program that will ask for a user body weight in pound
6 # (lbs) and covert it in kilogram (kg)
7 # Display on the screen:  your body wight is: weight in lbs, and the
8 # equivalent in kgs is: weight kg.  Thank you!
9
10 body_weight_lb = float(input("Please provide you body weight in pounds:  "))
11 body_weight_kg = (body_weight_lb * 0.453592)
12
13 print(f"Your body weight is: {body_weight_lb} in lbs, and the equivalent kgs is {body_weight_kg:0,.3f}.  Thank you!")

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  GITLENS
bash - py_projects + ▾ □
```

● Michaels-iMac:py_projects michaelbullock\$ python3 body-weight-convector.py
Please provide you body weight in pounds: 200
Your body weight is: 200.0 in lbs, and the equivalent kgs is 90.718. Thank you!

Homeworks

1 cake3: aws-account-id.py

2 Write a program will display the account id from the arn below:
arn:aws:iam::123456789012:user/Development/product_1234/*

Display on the screen: the aws account id is: account_id.

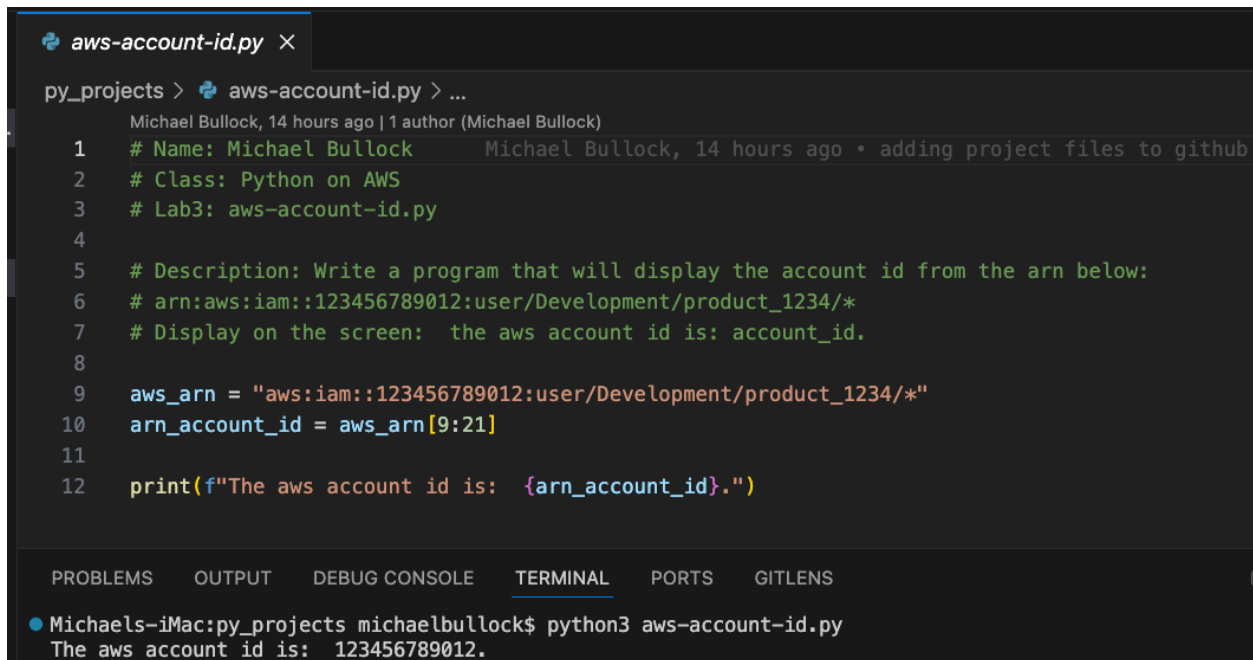
3 cake4: reversing a word (FUN)

4 Write a program that will ask for a word and reverse the word.

Display on the screen: your word is: word, and the reverse is:
reverse_word.

Leverage methods: split, join and reversed

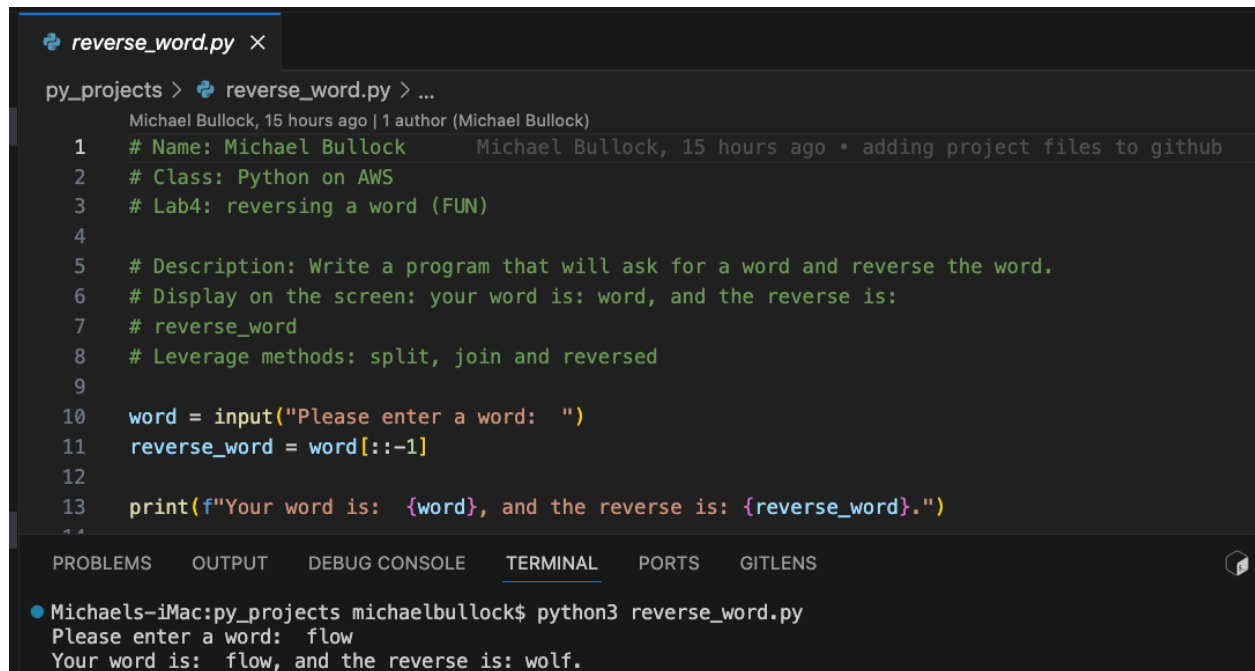
Lab3: aws-account-id.py



```
aws-account-id.py X
py_projects > aws-account-id.py > ...
Michael Bullock, 14 hours ago | 1 author (Michael Bullock)
1 # Name: Michael Bullock      Michael Bullock, 14 hours ago • adding project files to github
2 # Class: Python on AWS
3 # Lab3: aws-account-id.py
4
5 # Description: Write a program that will display the account id from the arn below:
6 # arn:aws:iam::123456789012:user/Development/product_1234/*
7 # Display on the screen:  the aws account id is: account_id.
8
9 aws_arn = "aws:iam::123456789012:user/Development/product_1234/*"
10 arn_account_id = aws_arn[9:21]
11
12 print(f"The aws account id is: {arn_account_id}.")

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  GITLENS
● Michaels-iMac:py_projects michaelbullock$ python3 aws-account-id.py
The aws account id is: 123456789012.
```

Lab4: reversing a word (FUN)



```
reverse_word.py X
py_projects > reverse_word.py > ...
Michael Bullock, 15 hours ago | 1 author (Michael Bullock)
1 # Name: Michael Bullock      Michael Bullock, 15 hours ago • adding project files to github
2 # Class: Python on AWS
3 # Lab4: reversing a word (FUN)
4
5 # Description: Write a program that will ask for a word and reverse the word.
6 # Display on the screen: your word is: word, and the reverse is:
7 # reverse_word
8 # Leverage methods: split, join and reversed
9
10 word = input("Please enter a word: ")
11 reverse_word = word[::-1]
12
13 print(f"Your word is: {word}, and the reverse is: {reverse_word}.")
14

PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  GITLENS
● Michaels-iMac:py_projects michaelbullock$ python3 reverse_word.py
Please enter a word: flow
Your word is: flow, and the reverse is: wolff.
```