

Subjects	Goals
DATA TYPES Problems	<ul style="list-style-type: none">• Define functions• Invoke functions• Debugging
Exercises/Review	<ul style="list-style-type: none">• complete exercises given in class



BIAS

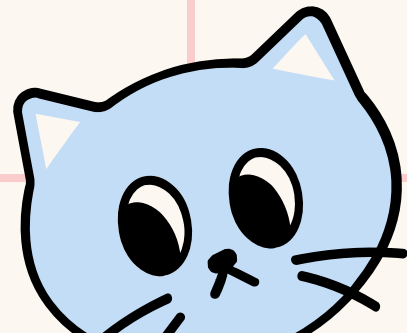


problem 35

Exercise 1

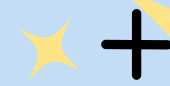
Module 1

1. Create a function that returns true if the two given integer values are equal or their sum or difference is 5.
2. List all python elements used in this function(ex. if then, data types, ...)
3. Invoke the function with the following values: (3,2) , (1, 1) , (4, 9) , (19, 4)





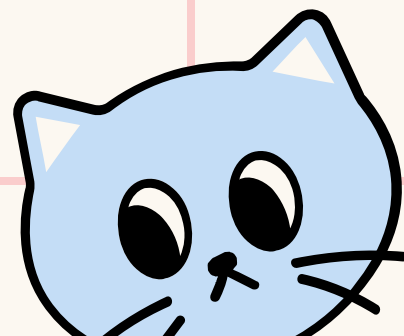
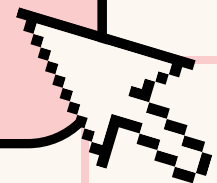
BIAS



Exercise 2

Module 1

1. Create to convert the distance (in feet) to inches, yards, and miles
2. Use try and catch to validate data being converted
3. If error occurs , print invalid entry from user and ask to enter again.





BIAS

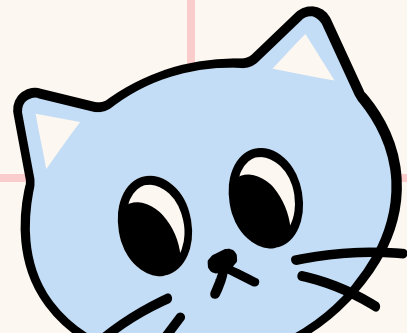
Debugging

Exercise 3

Module 1

1. Given the following, find the issue with the code. We want to add the two value given.

```
1 x = '4'  
2 y = '5'  
3 z = x + y  
4 print(z)
```



BIAS

Exercise 4

Module 1

1. Create a function to find a list of integers with exactly two occurrences of nineteen and at least three occurrences of five. Return True otherwise False

Input:

[19, 19, 15, 5, 3, 5, 5, 2]

Output:

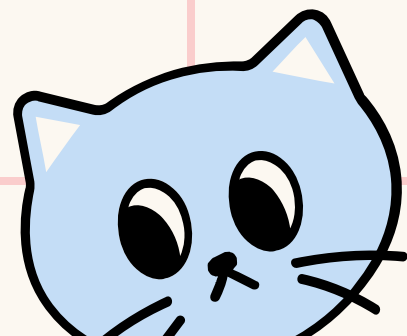
True

Input:

[19, 15, 15, 5, 3, 3, 5, 2]

Output:

False





BIAS



Exercise 4

Module 1

1. Write a Python program to check whether the given strings are palindromes or not. Return True otherwise False

```
['palindrome', 'madamimadam', '', 'foo', 'eyes']
```

Output:

```
[False, True, True, False, False]
```

