

**Friyay2**

# Technical Interview Parts

1. Basic knowledge questions
2. Whiteboarding
3. Questions for interviewer

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**What is the difference between =  
and ==?**

= is the assignment operator. == is the equality comparison operator.

**What's the difference between  
lists and dictionaries?**

Lists are a way of storing data in a particular order.  
Dictionaries are an unordered way of storing data.

**What is a function?**



A function is a block of organized, reusable code that is used to perform a single, related action.

**What does 'break' do?**

The break statement terminates the current loop and resumes execution at the next unindented statement

**What is the difference between  
'and' and 'or'?**

"and" and "or" combine boolean values into a single boolean. If any boolean is False, "and" returns false. If any boolean is True, "or" returns True. "and" is the false-hunter. "or" is the true-hunter.

**What is inheritance?**

This is a special feature of Object Oriented Programming. It lets programmers create new classes that share some of the attributes of existing classes. This lets us build on previous work without reinventing the wheel.

# Whiteboarding Questions



Write a function called **has\_same\_digit\_frequency** that accepts two lists and returns whether they have the same frequency of digits. So

```
has_same_digit_frequency([1, 2, 3, 4], [4, 3, 2, 1])
```

should return True.

Write a function called **most\_characters** that accepts a string, and return the character that appears the most.  
So `most_characters("abcda")` should return "a".