



Python Project 1: Team Name Generator

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Problem Statement:

Create a Python script that generates fun and creative team names by combining random adjectives and nouns.

This project can be useful for team naming in hackathons, games, or group activities.



Python Code:

```
import random

adjectives = ['Swift', 'Brave', 'Clever', 'Fierce', 'Silent', 'Mighty', 'Witty', 'Agile', 'Dynamic']
nouns = ['Tigers', 'Hackers', 'Warriors', 'Wizards', 'Coders', 'Ninjas', 'Pirates', 'Legends', 'Falcons']

def generate_team_name():
    adj = random.choice(adjectives)
    noun = random.choice(nouns)
    return f"{adj} {noun}"

for i in range(5):
    print(generate_team_name())
```

Code Explanation (Step-by-step):

1. We import the random module to use random.choice().
2. Two lists are defined: one for adjectives and one for nouns.
3. The function generate_team_name picks one random word from each list and combines them.
4. A loop prints five random team names.

This script can be extended for more creative outputs with themes like tech, myth, sports, etc.



Interview Tips: random Module

- random.choice(seq): Returns a random item from a non-empty sequence.
- Other useful functions:
- **random.randint(a, b): Returns random integer between a and b.*
- **random.shuffle(list): Shuffles the list in-place.*
- **Remember:** random functions use pseudo-random numbers based on internal state or seed.