Project Title: Random Username Generator

such as working with lists, randomization, and file handling

Project Features:

1. Combine Random Adjectives and Nouns:

Generate usernames by combining a list of pre-defined adjectives and nouns. For example, "CoolTiger 123" or "HappyDragon!".

2. Customization Options:

- Allow users to include numbers or special characters in the generated usernames.

- Optionally set the length or structure of the usernames.

3. Save Usernames to a File:

- Save the generated usernames to a text file for future use or sharing.

4. Interactive User Input:

- Include options for users to specify their preferences (e.g., add numbers, special characters, or both)

Code

```python
import random

# Define lists of adjectives and nouns
adjectives = ["bharath", "rekha", "nick", "bob", "den"]
nouns = ["raksha", "kalkote", "yajaman", "larry", "ver"]

def generate_username(include_numbers=False, include_special_chars=False):
    adjective = random.choice(adjectives)
    noun = random.choice(nouns)
    username = adjective + noun

    if include_numbers:
        username += str(random.randint(0, 999))

    if include_special_chars:
        special_chars = ["!", "@", "#", "$", "_"]
        username += random.choice(special_chars)

    return username

def save_username(username, filename="usernames.txt"):
    with open(filename, "a") as file:
        file.write(username + "\n")

def main():
```

```python
    print("Welcome to the Random Username Generator!")
    include_numbers = input("Include numbers? (yes/no): ").lower() == "yes"
    include_special_chars = input("Include special characters? (yes/no): ").lower() == "yes"

    username = generate_username(include_numbers, include_special_chars)
    print(f"Your generated username is: {username}")

    save = input("Would you like to save this username? (yes/no): ").lower() == "yes"
    if save:
        save_username(username)
        print("Username saved to usernames.txt")

if __name__ == "__main__":
    main()
```