

ASSIGNMENT

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```
class PersonalPortfolio:
    def __init__(self):
        # Simulating blockchain storage using dictionary
        self.profiles = {}

    def set_profile(self, address, name, email, skills):
        """
        Stores profile information for a given address
        """
        self.profiles[address] = {
            "name": name,
            "email": email,
            "skills": skills
        }
        print("Profile updated successfully!")

    def get_profile(self, address):
        """
        Retrieves profile information for a given address
        """
        if address in self.profiles:
            return self.profiles[address]
        else:
            return "Profile not found."

# -----
# Simulating usage (like testing)
# -----

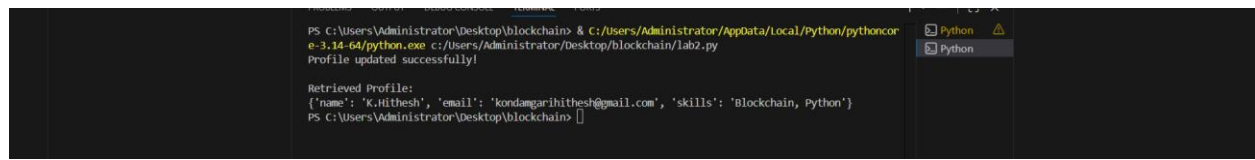
if __name__ == "__main__":
    portfolio = PersonalPortfolio()

    # Simulated wallet address
    user_address = "0xABC123"

    # Set profile
    portfolio.set_profile(
        user_address,
        "K.Hithesh",
```

```
        "kondamgarihithesh@gmail.com",  
        "Blockchain, Python"  
    )  
  
    # Get profile  
    profile = portfolio.get_profile(user_address)  
  
    print("\nRetrieved Profile:")  
    print(profile)
```

output



The screenshot shows a Windows command prompt window with the following text:

```
PS C:\Users\Administrator\Desktop\blockchain> & c:/Users/Administrator/AppData/Local/Python/pythoncore-3.14-64/python.exe c:/Users/Administrator/Desktop/blockchain/lab2.py  
Profile updated successfully!  
  
Retrieved Profile:  
{'name': 'K.Hithesh', 'email': 'kondamgarihithesh@gmail.com', 'skills': 'Blockchain, Python'}  
PS C:\Users\Administrator\Desktop\blockchain>
```

On the right side of the command prompt, there is a taskbar with two icons labeled "Python".