

TASK 10- Implement simple facts using python

PROGRAM

```
# Define a list of facts

facts = [

    "john_is_cold.", # john is cold

    "raining.", # it is raining

    "john_Forgot_His_Raincoat.", # john forgot his raincoat

    "fred_lost_his_car_keys.", # fred lost his car keys

    "peter_footballer." # peter plays football

]

# Function to check if a fact is true

def verify_fact(fact):

    # Remove the trailing period

    fact = fact.rstrip(".")

    # Perform some logic to verify the fact

    if fact == "john_Forgot_His_Raincoat":

        return True

    elif fact == "raining":

        return True

    elif fact == "foggy":

        return True

    elif fact == "Cloudy":

        return False # Assume it's not cloudy

    else:

        return False

# Verify each fact

for fact in facts:

    if verify_fact(fact):

        print(f"{fact} - Yes")

    else:

        print(f"{fact} - No")
```

Output:

john_is_cold. - No

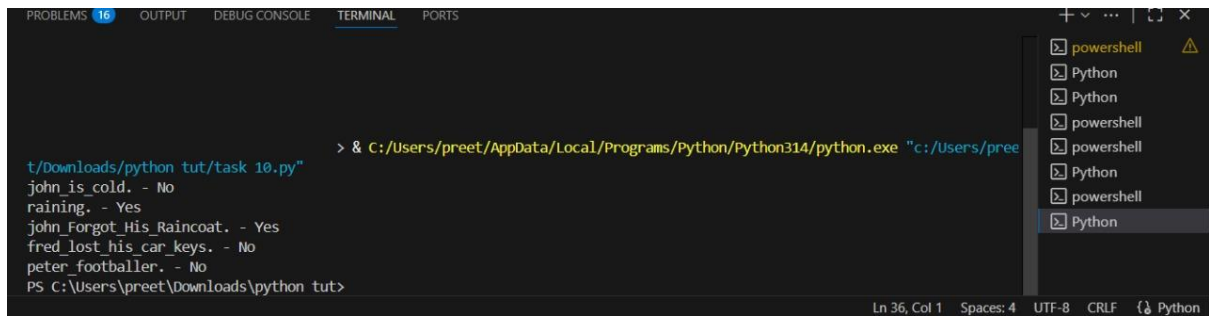
raining. - Yes

john_Forgot_His_Raincoat. - Yes

fred_lost_his_car_keys. - No

peter_footballer. - No

OUTPUT



The screenshot shows a VS Code interface with a terminal window open. The terminal displays the output of a Python script. The command prompt shows the execution of the script using the full path to the Python interpreter. The output of the script is as follows:

```
t/Downloads/python tut/task 10.py"
john_is_cold. - No
raining. - Yes
john_Forgot_His_Raincoat. - Yes
fred_lost_his_car_keys. - No
peter_footballer. - No
PS C:\Users\preet\Downloads\python tut>
```

The terminal window also shows a list of open files on the right side, including powershell and Python files. The status bar at the bottom indicates the current line and column (Ln 36, Col 1), the number of spaces (4), the encoding (UTF-8), the line ending (CRLF), and the active language (Python).