

File Edit Selection View Go Run Terminal Help internship for python programming

EXPLORER

INTERNSHIP FOR PYTHON PROGRAMMING

- day2_variables.py
- hello.py

day2_variables.py

```
1 # Day 2 - Variables and Data Types
2 # Name: Garima Raj
3 # ID: DV06PY00010
4 # College: GEC Patan, GTU
5
6 # Step 1: Declare variables with different data types
7 name = "Garima Raj"
8 age = 21
9 semester = 5
10 is_student = True
11
12 # Step 2: Print variables and their data types
13 print(name, type(name))
14 print(age, type(age))
15 print(semester, type(semester))
16 print(is_student, type(is_student))
17
18 # Step 3: Change a variable to a different data type
19 age = "twenty one" # previously int, now str
20 print(age, type(age))
21
22 # Step 4: Practice - Declare more variables of all data types
23 int_num = 42 # Integer
24 float_num = 3.14 # Float
25 string_data = "Hello World" # String
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\garim\OneDrive\Desktop\internship tasks\internship for python programming> & C:/Users/garim/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/garim/OneDrive/Desktop/internship tasks/internship for python programming/day2_variables.py"

Garima Raj <class 'str'>
21 <class 'int'>
5 <class 'int'>
True <class 'bool'>
twenty one <class 'str'>
42 <class 'int'>
3.14 <class 'float'>
Hello World <class 'str'>

Ln 23, Col 40 Spaces: 4 UTF-8 CRLF Python 3.13.1

Search

14:10 03-07-2025

File Edit Selection View Go Run Terminal Help

internship for python programming

EXPLORER

INTERNSHIP FOR PYT... day2_variables.py hello.py

day2_variables.py

```
10 is_student = True
11
12 # Step 2: Print variables and their data types
13 print(name, type(name))
14 print(age, type(age))
15 print(semester, type(semester))
16 print(is_student, type(is_student))
17
18 # Step 3: Change a variable to a different data type
19 age = "twenty one" # previously int, now str
20 print(age, type(age))
21
22 # Step 4: Practice - Declare more variables of all data types
23 int_num = 42 # Integer
24 float_num = 3.14 # Float
25 string_data = "Hello World" # String
26 bool_data = False # Boolean
27 none_data = None # NoneType
28
29 # Print their values and types
30 print(int_num, type(int_num))
31 print(float_num, type(float_num))
32 print(string_data, type(string_data))
33 print(bool_data, type(bool_data))
34 print(none_data, type(none_data))
35
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

twenty one <class 'str'>
42 <class 'int'>
3.14 <class 'float'>
Hello World <class 'str'>
False <class 'bool'>
None <class 'NoneType'>
PS C:\Users\garim\OneDrive\Desktop\internship tasks\internship for python programming>

powerShell
Python

Ln 23, Col 40 Spaces: 4 UTF-8 CRLF Python 3.13.1

14:14 03-07-2025