Python Errors

Task 4

From:

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Introduction:

In any programming language

Like **Python, C, C++, C#**

There's syntax you must code with them if you don't code with them you have a error in code

We are software engineers, programmers and, developers we divided them to types.

this is thing we talk about .

First: Syntax Error

It is errors show before code run

Examples:

1. Missing ":"

Example in code

`if x==8 print(x)`

2.unclosed parenthesis

Example in code:

`print("hello, world"`

3. Misspelled keyword

`

if ...:

els:

4. Mismatched quotes

Example in code:

print("hello, world')

5. Invalid expression

Example in code:

X = 5 +

Second: runtime error (Exceptions):

The errors that occur while program runs.

1. Type Error – incompatible types

Example in code:

"5" + 5

2. Value error – invalid value example in code:

int("Moaz")

3. Name Error – variable or function, etc

Example in code:

print(a)

4. Index Error – Index out of range

Example in code:

list_variable = [12, 10, 82]

print(list_variable[6])

5. Zero error division

$$x = 14 / 0$$

Under the supervision of Mr. Muath Sheet, Hash & Slach Company

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