

Course
&
Test Series

Self-Made Assignment - Python

Error Messages and Comments

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Ques 1: ZeroDivisionError Example

Write a program that attempts to divide a number by zero:

```
result = 10 / 0
```

Then:

- Note the **ZeroDivisionError**
- Add comments explaining why dividing by zero is not allowed
- Correct the program by checking if the divisor is zero before dividing

Ques 2: IndexError in Lists

Given this list:

```
fruits = ["apple", "banana", "orange"]
```

Write code that tries to access an index that does not exist, such as:

```
print(fruits[5])
```

Tasks:

- Observe the **IndexError**
- Write comments explaining why the error happened
- Fix it by checking the length or using a valid index

Assignment

MCQ 1 - Syntax Error

What will happen if you run the following Python code?

```
print("Hello World")
```

- A) Prints Hello World successfully
- B) Gives a **SyntaxError**
- C) Gives a **NameError**
- D) Prints nothing

MCQ 2 - Name Error

What is the cause of the following error?

```
print(x)
```

- A) x is not defined
- B) Syntax is incorrect
- C) x is a string
- D) Python cannot print

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CBSE

MCQ 3 - Type Error

Which line will cause a TypeError?

a = 5

b = "10"

print(a + b)

A) a = 5

B) b = "10"

C) print(a + b)

D) None of the above



ICSE



NTSE

MCQ 4 - ZeroDivisionError

What will happen if you run:

result = 10 / 0

A) Prints 0

B) Prints 10

C) Gives ZeroDivisionError

D) Prints infinity



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