

# QUIZ:- 04

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Time taken	2 days 7 hours
Grade	3.00 out of 4.00 (75%)

Question 1  
Complete  
Mark 1.00 out of 1.00  
Flag question

Assign the error type to the corresponding description.

Runtime errors	Syntactically valid code fails, often because variables contain wrong values
Semantic errors	Errors in logic: code executes without a problem, but the result is wrong
Syntax errors	Code is not valid Python

Question 2  
Complete  
Mark 0.00 out of 1.00  
Flag question

Which of the following statements about catching errors are/is true?

- ☒ When catching errors you can ignore the error type, it's most important that your code gets executed.
- ☒ Catching errors explicitly and by accounting for their specific error type helps to identify the root causes of errors.
- ☒ Errors can be handled with a try/except block in python.

Question 3  
Complete  
Mark 1.00 out of 1.00  
Flag question

Which of the following statements about package imports is/are correct?

- ☐ In python it's good practice to import all functions and variables with an implicit import like this:  

```
from math import *
```
- ☒ Explicit imports such as  

```
import math  
math.cos(math.pi)
```

are best as they clearly show which function is executed.
- ☐ In the below example, the last line will compute the cos of 1 radian  

```
from math import cos, sin  
  
def cos(number):  
    return sin(number)  
  
cos(1)
```

Question 4  
Complete  
Mark 1.00 out of 1.00  
Flag question

Which of the following statements about file IO in python is/are true?

- ☐ Files are opened in python by default in byte reading mode.
- ☒ When reading the content of text files as bytes, you need to decode the content to obtain text.
- ☒ You can open files in python using a context for file opening like  

```
with open(path) as f:
```