



4.1.1 Exception Handling

1) Explain what exception handling is used for.

[2 marks]

2) State the purpose of each of the following Python keywords:

a) try

[1 mark]

b) except

[1 mark]

c) finally

[1 mark]

3) Consider the program shown in Figure 1 that takes an input from the user.

Figure 1

```
number = int(input("Enter a number: "))
result = 100 / number
```

a) State the name of two errors that could occur during the execution of this program and explain how each could occur.

[4 marks]

b) Modify the program to use exception handling to handle these errors.

[2 marks]

