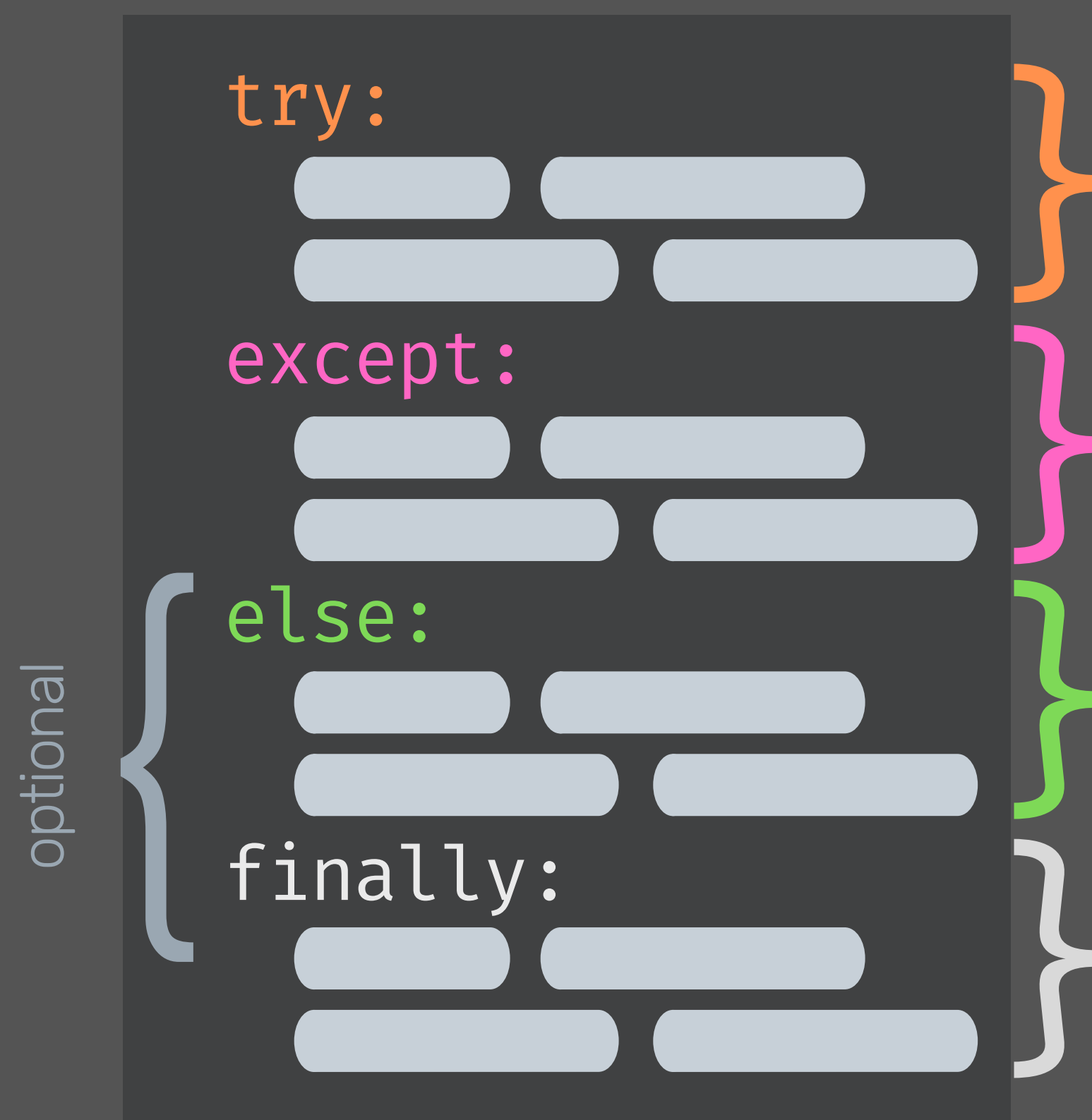# error handling

There are strategies to capture and manage the errors that may occur when executing a program, in order to avoid a major failure and control the information that is displayed to the user.

```python
try:


except:


else:


finally:

```

optional

The code inside try runs to completion or until an error (exception) happens.

Contains the error handler (program's response to an error), catching the exceptions that occur during the execution of *try*   *

It encompasses the code that will be executed only when no exception has been detected in the execution of try (no errors)

Contains code that always runs, whether or not errors have occurred.

try

ok   ¿!?   error

else   except

finally

* It is good practice to catch and handle possible exceptions individually and provide information about the error and its possible solution.

```python
except ValueError:

except TypeError:

except FileNotFoundError:

...

... etc.
```