```
print("Run or import?")
print(__name__)
```

If the above code was in a file named program.py, what would be printed if the program was run with the green arrow?

A. `program`
B. `__main__`
C. `Run or import?`
   `program`
D. `Run or import?`
   `__main__`

Answer: D
When Python runs a file it automatically sets __name__ to be “__main__”

```
if __name__ == "__main__":
    print("Run or import?")
    print(__name__)
else:
    print(__name__)
```

If the above code was in a file named program.py, what would be printed if the module was imported via `import program`?

A. `program`
B. `__main__`
C. `Run or import?`
   `program`
D. `Run or import?`
   `__main__`

Answer: A
When Python imports a file it automatically sets __name__ to be the name of the file (without the “.py” extension). Thus the `else` will be taken, and so only __name__ (“program”) will be printed.

```
import sys
if __name__ == "__main__":
    print(sys.argv[0]*int(sys.argv[1]))
```

0 1

['program.py', '2']

If the above code was in a file named program.py, what would be printed if program was run in Thonny via `%Run program.py 2`?

green arrow

A. __main____main__
B. program 2
C. program.pyprogram.py
D. program.py 2
E. Would generate an error

Answer: C
The first element of the sys.argv list is always the filename for the program, so this program duplicates that string the number of times specified in the first command line argument (as position 1 in sys.argv), which in this case is 2.