

# Module 1 Critical Thinking Consolidated Document

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## Questions

Document with questions left as stand-alone.

## Python Code

```
# This program is a single-run if loop to determine whether a user entry is
# contained in either the planets
# or dwarf_planets string list objects

# Lists of acceptable entries
planets = ["Mercury", "Venus", "Earth", "Mars", "Jupiter", "Saturn",
           "Uranus", "Neptune"]
dwarf_planets = ["Pluto", "Ceres", "Makemake", "Haumea", "Eris"]

# Single-run planet checker
planet = input('I can determine whether an object is a planet or dwarf planet.',
               '\nPlease enter the object you wish to check.\n')
if planet in planets:
    print(f'{planet} is a planet')
elif planet in dwarf_planets:
    print(f'{planet} is a dwarf planet')
else:
    print('Sorry, I don\'t recognize that object. Please check your spelling and',
          ' try again after restarting the program.')
```

