8. Make module not found error handler with built in exceptions

def import\_module(module\_name):

try:

module = \_\_import\_\_(module\_name)

print(f"Successfully imported '{module\_name}'")

return module

except ModuleNotFoundError as e:

print(f"Error: Module '{module\_name}' not found.")

# Optionally re-raise or handle differently

# raise e

except ImportError as e:

print(f"Import error: {e}")

except Exception as e:

print(f"Unexpected error: {e}")

# Example usage:

if \_\_name\_\_ == "\_\_main\_\_":

numpy\_module = import\_module("numpy") # Should work if numpy is installed

fake\_module = import\_module("this\_module\_does\_not\_exist") # Should trigger error