9. Make an error handler with the use of multiple except for all types of errors

def run\_code():

try:

# Example risky code (you can replace this)

x = int(input("Enter a number: "))

y = 10 / x

import some\_nonexistent\_module

except ValueError:

print("ValueError: Invalid input. Please enter a valid integer.")

except ZeroDivisionError:

print("ZeroDivisionError: Division by zero is not allowed.")

except ModuleNotFoundError:

print("ModuleNotFoundError: A required module was not found.")

except ImportError:

print("ImportError: Problem importing a module.")

except FileNotFoundError:

print("FileNotFoundError: File you tried to access was not found.")

except TypeError:

print("TypeError: A type mismatch occurred.")

except IndexError:

print("IndexError: Index out of range.")

except KeyError:

print("KeyError: Key not found in dictionary.")

except AttributeError:

print("AttributeError: Object has no such attribute.")

except Exception as e:

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

# Example usage

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

run\_code()