Homework answers: Bashir Hilaly

1. Output: v, 60, 15, z, OK
2. ages = []

prompt = "Enter age ('q' to quit):"

user\_input = input(prompt)

while user\_input != 'q':

try:

ages.append(int(user\_input))

except ValueError:

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

finally:

user\_input = input(prompt)

print(ages)

1. import my\_lib

try:

result = my\_lib.magic()

except AttributeError:

print('No magic() function in my\_lib.')

except Exception as e:

print(f"An error occurred: {e}")

1. import my\_lib

try:

result = my\_lib.magic()

f = open(result, 'r')

print(f.read())

except AttributeError:

print('No magic() function in my\_lib.')

except IOError:

print('Could not open file.')

except Exception:

print('Something bad has happened.')

1. a. except NameError - An exception handler for NameError exceptions

b. except: - A catch-all exception handler

c. try: - Describes a block of code that uses exception-handling

d. raise ValueError - Causes a ValueError exception to occur

e. except (ValueError, NameError) - An exception handler for ValueError and NameError exceptions

1. Avg: 210
2. False
3. False
4. True
5. True
6. False we use the class keyword rather than def\
7. True
8. Result is 2.0
9. Cannot divide by zero, Result is -1