**Exercise 3.4**

(Objective 3.5,3.6,3.7)

**1. To check if x has an absolute value smaller than 4, which of the following conditional expression can be used?**

 A. x <= 4 and x >= 4

 B. x <= 4 and x > -4

 C. x <= 4 and x >= -4

 D. x <= 4 or x >= -4

**2. Suppose, when you run the following program, you enter the input 2, 3, 6 from the console. What is the output?**

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

y = float(input("Enter a number: "))

z = float(input("Enter a number: "))

print("(x < y and y < z) is", x < y **and** y < z)

print("(x < y or y < z) is", x < y **or** y < z)

print("not (x < y) is", **not** (x < y))

print("(x < y < z) is", x < y < z)

print("not (x < y < z) is", **not** (x < y < z))