Programmers Journal - Unit 2 lesson 5

57-63

**Exercise: The following code contains multiple indentation errors. Fix them all.**

# This code contains indentation errors!

x = 3

y = 4

if x == 3 and y == 4:

print( "x is 3" )

print( "y is 4" )

if x > 2 and y < 5:

print( "x > 2" )

print( "y < 5" )

if x < 4 and y > 3:

print( "x < 4" )

print( "y > 3" )

**Exercise: You can test whether an integer is odd or even using the modulo operator. Specifically, when x%2 equals zero, then x is even, else it is odd. Write some code that asks for an integer and then reports whether it is even or odd (you can use the getInteger() function from pcinput to ask for an integer).**

from pcinput import getInteger

x = getInteger("please enter your integer: ")

if x%2 == 0:

print("your number is even.")

else:

print("your number is odd.")

**Exercise: Write a program that defines a variable weight. If weight is greater than 20 (kilo’s), print: “There is a $25 surcharge for luggage that is too heavy.” If weight is smaller than 20, print: “Have a safe flight!” If weight is exactly 20, print: “Pfew! The weight is just right!” Make sure that you change the value of weight a couple of times to check whether your code works.**

from pcinput import getInteger

x = getInteger("please enter your weight (kg): ")

if x > 20:

print("There is a $25 surcharge for luggage that is too heavy.")

elif x == 20:

print("Pfew! The weight is just right!")

else:

print("Have a safe flight!")