You want to create a string called *my\_string*, “I love python so much!” from two smaller strings. Which of the following will result in the correct output? Assume you have the following variables declared:

str1 = “I love python “

str2 = “so much!”

1. my\_string = str1 + str2
2. my\_string = str1.append(str2)
3. str1 += str2
4. None of the Answers listed

Which of the following lines of code will create an empty tuple called *my\_tuple*?

1. my\_tuple = [ ]
2. my\_tuple = { }
3. my\_tuple = ( )
4. my\_tuple = < >

What type of error will the following lines of code produce? Assume all variables have been initialized properly.

for num in num\_list:

if num > 0:

print(“Greater than 0”)

1. Name error
2. Indentation error
3. Type error
4. Index error

What should the value of *output* be after the following lines of code are run

my\_list = [ 1, 12, 4, 16, 7, 10]

output = True

for num in my\_list:

if num % 2 == 0:

output = False

else:

output = True

1. True
2. False
3. This code creates an error
4. None of the answers listed

Which of the following will cause an error? Assume you have the following variables declared.

str1 = “Python is cool!”

str2 = “Python is fun!”

1. str1 += str2
2. str1 + str2
3. str1 \* 3
4. str1 – str2

For each of the following, write whether the problem would be better solved by a computer or by a human:

1. Looking at a list of names and alphabetizing them
2. Determining what is the best route for a delivery service
3. Determining the sentiment of a text message
4. Determining how to split the bill after a night out with a group of friends

Write pseudocode that will find the minimum and maximum value of a list and return them as two elements in a tuple.