Lists **Spot Check Electronic Answer Document (EAD)**

Use the following document to record your answers to the Lists spot check. You should then submit the completed EAD to the link provided on Moodle by your teacher.

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| **Question 1, Part b** |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **Scores** | | | | | | | | | **[1]** | **[2]** | **[3]** | **[4]** | **[5]** | **[6]** | **[7]** | **[8]** | | **18** | **23** | **36** | **21** | **58** | **40** | **45** | **59** | |
| **Question 1, Part c** |
| Answer :Bubble sort |
| **Question 1, Part d** |
| scores = ["18","23","36","21","58","40","45","59"]  max = 8  count1=1  count2=1  for count1 in range(len(scores)-1):  for count2 in range(len(scores)-1):  if scores[count2] > scores[count1]:  temp = scores[count2]  scores[count2] = scores[count2+1]  scores[count2+1]=temp  count = 0  for each in scores:  print("{0}. {1}".format(count+1,each))  count = count+1 |
| **Question 1, Part e** |
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| **Question 2, Part a** |
| Empty array |
| **Question 2, Part b** |
| score |
| **Question 2, Part c** |
| For count <- 1-20 |
| **Question 2, Part d** |
| Display frequency and the score |
| **Question 2, Part e** |
| Because it’s a local variable you are able to use it in different functions with the same variable name. |
| **Question 2, Part g** |
| def initialise\_frequency\_array():  array = []  return array  def simulate\_die\_throwing(array):  for count in range(6):  import random  number = random.randint(1,6)  array.append(number)  return array  def display\_result\_array(array,number):  count = 0  count1 = 0  print("{0:^2} {1:^2}".format("Score","Frequency"))  for each in array:  print("{0:>3} {1:>7}".format(count+1,array[count1]))  count = count+1  count1=count1+1  def Frequency\_of\_die\_score():  array = initialise\_frequency\_array()  number = simulate\_die\_throwing(array)  display\_result\_array(array,number)  Frequency\_of\_die\_score() |
| **Question 2, Part h** |
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