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** |
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| **Question 1, Part c** |
| Answer : A Bubble Sort Algorithm |
| **Question 1, Part d** |
| scores = [18,23,36,21,58,40,45,59]  temp = 0  maximum = 8  for count1 in range(1,(maximum-1)):  for count2 in range(1,(maximum-1)):  if scores[count2] > scores[count2 + 1]:  temp = scores[count2]  scores[count2] = scores[count2 + 1]  scores[count2 + 1] = temp  print(scores)  length = len(scores)  count = 0  for score in scores:  count = count + 1  print("{0:>2}. | {1:>2}".format(count,score)) |
| **Question 1, Part e** |
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| **Question 2, Part a** |
| Create Table |
| **Question 2, Part b** |
| Random\_number |
| **Question 2, Part c** |
| For count <- 1-6 |
| **Question 2, Part d** |
| Print Score and Frequency(table) |
| **Question 2, Part e** |
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| **Question 2, Part g** |
| def initialise\_frequency\_array():  one = []  two = []  three = []  four = []  five = []  six = []    result = [  one,  two,  three,  four,  five,  six  ]  return result  def simulate\_die\_throwing(result):  import random  for count in range(1,20):  random\_number = random.randint(1,6)  for count in range(1,6):  if random\_number == count:  number = count - 1  get\_number = result[number[0]] + 1    return result  def display\_result\_array(result):  print("{0:>6} {1:>10}".format("Score","Frequecy"))  for count in range(1,6):  print("{1:>6} {1:>10}".format(count,result[count])  def main():  result = initialise\_frequency\_array()  result = simulate\_die\_throwing(result)  display\_result\_array(result) |
| **Question 2, Part h** |
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