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

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

|  |
| --- |
| **Question 1, Part B** |
| |  |  |  |  | | --- | --- | --- | --- | | **number** | **number \* number** | **total** | **number <>-1** | | **0** | **0** | **0** | **True** | | **2** | **4** | **4** | **True** | | **5** | **25** | **29** | **True** | | **3** | **9** | **38** | **True** | | **1** | **1** | **39** | **True** | | **-1** | **1** | **40** | **False** | |  |  |  |  | |
| **Question 1, Part C** |
| Answer : 39 |
| **Question 1, Part D** |
| number = 0  total = 0  while number != -1:  total = total + (number\*number)  number = int(input("Please enter a number: "))    print ("The total is {0}".format(total)) |
| **Question 1, Part E** |
|  |

|  |
| --- |
| **Question 2, Part B** |
| number= int(input("Please enter an integer: "))  print("Times tables for {0}".format(number))  count = 0  while count <12:  count = count + 1  total = count \* number  print("{0:2} \* {1:1} = {2:3}".format(count,number,total)) |
| **Question 2, Part C** |
|  |

|  |
| --- |
| **Question 3, Part B** |
| import random  guessed = False  number = random.randint(1,101)  no\_of\_turns = 0  while guessed == False:  no\_of\_turns = no\_of\_turns + 1  user\_guess = int(input("Enter your guess for the number: "))  if user\_guess == number:  guessed = True  elif user\_guess > number:  print("The number you guessed is too high")  else:  print("The number you guessed is too low")  print("You took {0} turns to guess the number".format(no\_of\_turns))  print("The number was {0}".format(number)) |
| **Question 3, Part C** |
|  |