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

Use the following document to record your answers to the assignment 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** |
| width = int(input("Please enter the width of the pool: "))  length = int(input("Please enter the length of the pool: "))  depth = int(input("Please enter the depth of the pool: "))  mainSectionVolume = length \* width \* depth  circleRadius = width / 2  circleArea = 3.14 \* circleRadius\*\*2  halfCircleVolume = (circleArea / 2) \* depth  poolVolume = mainSectionVolume + halfCircleVolume  print("The volume of the pool is: {0}".format(poolVolume)) |

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| **Question 2, Part B** |
| weight = int(input("Please enter a value of weight: "))  hundreds = weight // 100  remainder = weight % 100  fifties = remainder // 50  remainder = remainder % 50  tens = remainder // 10  remainder = remainder % 10  fives = remainder // 5  remainder = remainder % 5  twos = remainder // 2  remainder = remainder % 2  ones = remainder // 1  remainder = remainder % 1  print("Number of 100g: {0}".format(hundreds))  print("Number of 50g: {0}".format(fifties))  print("number of 10g: {0}".format(tens))  print("Number of 5g: {0}".format(fives))  print("Number of 2g: {0}".format(twos))  print("Number of 1g: {0}".format(ones)) |
| **Question 2, Part C** |
| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Weight Entered | Expected Values | | | | | | | | Did actual result match (Y/N)? | | 1g | 2g | 5g | 10g | 50g | 100g |  |  | | 120 | 0 | 0 | 0 | 2 | 0 | 1 |  |  | Y | | 200 | 0 | 0 | 0 | 0 | 0 | 2 |  |  | Y | | 460 | 0 | 0 | 0 | 1 | 1 | 4 |  |  | Y | |