**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** |
| #George West  #23-09-14  #spot check - swimming pool q1a  import math  width=float(input("Please input the width of your pool: "))  length=float(input("Please input the length of your pool: "))  depth=float(input("Please input the depth of your pool: "))  main\_section\_volume = length\*width\*depth  circle\_radius=width/2  circle\_area= math.pi\*circle\_radius\*\*2  half\_circle\_volume = (circle\_area/2)\*depth  pool\_volume = main\_section\_volume + half\_circle\_volume  print("The volume of your pool is {0}".format(pool\_volume)) |

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| **Question 2, Part B** |
| #George West  #23-09-14  #spot check - weights q2  weight=int(input("Please enter the weight: "))  remainder = weight  hundred= remainder//100  remainder = remainder%100  fifty=remainder//50  remainder=remainder%50  ten=remainder//10  remainder=remainder%10  five=remainder//5  remainder=remainder%5  two=remainder//2  remainder=remainder%2  one=remainder  print("""You entered {0} to balance this value you will need:  {1} hundred gram weight(s)  {2} fifty gram weight(s)  {3} ten gram weight(s)  {4} five gram weight(s)  {5} two gram weight(s)  {6} one gram weight(s)""".format(weight,hundred,fifty,ten,five,two,one)) |
| **Question 2, Part C** |
| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Weight Entered | Expected Values | | | | | | | | Did actual result match (Y/N)? | | 1g | 2g | 5g | 10g | 50g | 100g |  |  | | 154 | 0 | 2 | 0 | 0 | 1 | 1 |  |  | Y | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  | Y | | red | error | error | error | error | error | error |  |  | Y | |