**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** |
| **#Jack Scaife**  **#23/09/2014**  **#Spot Check 1**  **pool\_w = int(input("Please insert the width of the pool in integer form : "))**  **pool\_l = int(input("Please insert the length of the pool in integer form : "))**  **pool\_d = int(input("Please insert the depth of the pool in integer form : "))**  **rec\_vol = pool\_l\*pool\_w\*pool\_d**  **circle\_r = pool\_w/2**  **circle\_a = 3.14 \* (circle\_r\*\*2)**  **circle\_volume\_half = circle\_a/2**  **circle\_volume\_half2 = circle\_volume\_half \* pool\_d**  **pool\_v = rec\_vol + circle\_volume\_half2**  **print("The overall volume of the pool is {0} ".format(pool\_v))** |

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| **Question 2, Part B** |
| s\_weight = int(input("Please input the weight that you want dividing: "))  weight\_1return = s\_weight/100  weight\_1 = s\_weight//100  weight\_2return = weight\_1/50  weight\_2 = weight\_1//50  weight\_3return = weight\_2/10  weight\_3 = weight\_2//10  weight\_4return = weight\_3/5  weight\_4 = weight\_3//5  weight\_5return= weight\_4/2  weight\_5= weight\_4//2  weight\_6return= weight\_5/1  weight\_6= weight\_5//1  print("Your value can be divided into {0} 100g weights, {1} 50g weights, {2} 10g weights, {3} 5g weights, {4} 2g weights and {5} 1g weights".format(weight\_1return,weight\_2return,weight\_3return,weight\_4return,weight\_5return,weight\_6return)) |
| **Question 2, Part C** |
| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Weight Entered | Expected Values | | | | | | | | Did actual result match (Y/N)? | | 1g | 2g | 5g | 10g | 50g | 100g |  |  | | 300 | 0 | 0 | 0 | 0 | 0.06 | 3 |  |  | n | | 2374 | 0 | 0 | 0 | 0 | 0.46 | 23.74 |  |  | n | | 20 | 0 | 0 | 0 | 0 | 0 | 0.2 |  |  | n | |