Document for Activities 3 and 4

Test Plan (add additional rows as required)

Program language the product is to be produced in (tick box for language used):

Python ☐   C Family ☑

Test Number	Purpose of test	Test Data	Expected Result	Actual Result	Comments
1	Does the code progress when a correct gender is inputted	"M/F"	Code sets numbers to correlate with gender		
2	What happens when an invalid input is entered	1	Asked to reinput gender		
3	Dos the code progress when a valid weight is inputted	30-250	Code Continues to get the user to input height		
4	What happens when an invalid integer is entered	10	User asked to reinput weight		
5	What happens when a string is entered	"s"	User asked to reinput weight		
6	Dos the code progress when a valid height is inputted	120-210	Code Continues to get the user to input age		
7	What happens when an invalid integer is entered	12	User asked to reinput height		
8	What happens when a string is entered	"h"	User asked to reinput height		
9	Does the code progress when a valid age is entered	14-100	Code continues		
10	What happens when an invalid integer is entered	10	User asked to reinput age		

Test Number	Purpose of test	Test Data	Expected Result	Actual Result	Comments
11	Does inputting valid exercise option work	1,5	Code continues		
12	What happens when an invalid input is entered	7	User asked to reinput option		
13	What happens when an invalid string is entered	"h"	User asked to reinput option		
14	Is BMI calculated Correctly	56	User shown their BMI correctly		
15	Is BMR calculated correctly	867	User shown their BMR correctly		
16	Is Kalorie intake outputted correctly	1445	User shown how many calories they should take per day		
17	Does it output correct BMI category	Obese	Outputs BMI category		