

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	See if the error checking works for checking the gender	1234, /#';krbudb23452234, dog	What you've entered is invalid. Click enter to continue	What you've entered is invalid. Click enter to continue	The works perfectly and allows only certain inputs
#2	Check to see that you can only input so many lanes and that it only goes for the specified amount of lanes (when inputting the times)	3, 9,	Enter the number of lanes: (loops back which makes them repeat it if it's not in between 4 and 8)	Enter the number of lanes:	Well executed but breaks when text is inputted which means it needs to be fixed
#3	Check if you are able to input the times for the amount of lanes inputted	Lanes = 6	Enter time of lanes : x6	Enter time of lanes : x6	Works well as the previous code has been designed well
#4	If a time beats a record to display which record it beat	7.56	You have beaten the males world record (if it's the male race)	You have beaten the males world record	It will display the right record that's been beat yet will do it for every record that beats it.