



2 (ai) ~~Number of trains = 0~~

~~result = train + 1 = 2~~

~~Number of trains = 1~~

~~result = 2~~

~~Number of train = 2~~

Number of trains = 0

train = 1

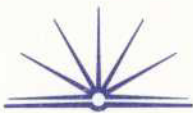
~~no~~ result = no result

Number of trains = 1

result = no result

Number of trains = 2

result = no results



ii) The algorithm does not work because train is $= 1$ ~~therefore~~ therefore the while statement would not work, also because number of trains $= 0$ also resulting in the while loop failing. Train is never less than number of trains, and number of trains is never greater.

iii) WHILE Train $<$ Number of trains

Read Train ID (Train ID)

Read Location (Train ID, Location X,
Location Y)

Display Train ID (Train ID, Location X,
Location Y)

Train = Train + 1

End While

END

bi) This raises the issue of copyright, the member should give credit to the creator of the code. Does it matter if the site is closed or not. The member should ask for permission before downloading the code and use it for his own purpose.

ii) There should be rules set out to ensure the proper way of gaining codes from other sources. Before the project is started, the rules should be told and given to members to ensure members do things correctly. Manual on gaining program codes should be produced and given to members.