



If n > count, then the Distance function will attempt to access oug_teet_per_min double original-dist ralus beyond the end of the > count array, which in the best data Caxent count, a does nothing but return a bad average speed. More data[0] GPS Data data likely, there will be a memory double total-distance inti error and the program will double dist not be able to run as it attempts to occess had values.

Filter In the case where the input array to filter is court larger than output, things get nessy. The final data input[0] GPSData input Scount to that of inputes last,

and as the function loops output[n-x] GPS Data output outpat 63 = count through enjut and averages 0 ->n other for. \ variables \ position, the loop will eventually try to add GPS Data beyond the seaple of output, resulting en error as a GPSData in added to memory not allocated for double input length double out-length change ×% formula it (or it & attempted).

Filter

input [17]

input [17]

input [10]

cat put [1]

input [10]

cat put [1]

int n

cot pat [10]

output [10]

int n

out pat [10]

output [10]

count

out i

output [10]

count

output [10]

In the case where output input in eige, the first GTS objects will be the same, but the final one in output will show a longer travel time in the end, and longer distance total, leading to an incorrect To Lange in path longth. Whatever data in the output array that can't be written to will have default values, but this will still mean incorrect distance and overage speed values.