

Speed Limit

main

n 3

Solve

cout << solve(n) << "miles"
170 miles

Solve

n 3

reads in shift

calc

wrt 0 26

newt 26 speed 20 10 30

tot 40 160 170

Vector - allows you to store a list of items of any type

vector<int> scores; //empty vector

To add to a vector do:

push-back

scores.push_back(5);

scores.push_back(3);

scores →

0	1
5	3

To access an item, do scores[i] where i is the index (safer to do scores.at(i))

Insert example from C++

myv →

100	100	100
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 it

it = myv.begin()

myv.insert(it, 200); // places 200 @ begin

myv →

200	100	100
-----	-----	-----

 it

myv.insert(it, 2, 300) it (it = myv.begin())

myv →

300	300	200	100	100	100
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 av →

400	400
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myv.insert(it+2, av.begin(), av.end())

myv →

300	300	400	400	100	100	100
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