#include <iostream>

#include <string>

#include <iomanip> // std::setw()

int main()

{

int mph, hours, distance;

do{

std::cout << "What is the speed of the vehicle in mph? ";

std::cin >> mph;

if(mph < 0)

std::cout << "Do not accept a negative number for speed.";

} while(mph < 0);

do{

std::cout << "How many hours has it traveled? ";

std::cin >> hours;

if(hours < 1)

std::cout << "Do not aacept any value less than 1 for time traveled.";

} while(hours < 1);

std::cout << "\nHour Distance Travelled\n"

<< "-------------------------------\n";

for(int i = 0; i < hours; i++){

distance = (i + 1) \* mph;

std::cout << i + 1 << std::setw(10) << distance << "\n";

}

return 0;

}

/\* Test result

What is the speed of the vehicle in mph? 65

How many hours has it traveled? 8

Hour Distance Travelled

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1 65

2 130

3 195

4 260

5 325

6 390

7 455

8 520

\*/