#include <iostream>

#include <iomanip>

using namespace std;

double fallingDistance(int sec){

return (9.8 \* sec \* sec \* 0.5);

}

int main()

{

cout << setw(20) << "Seconds Distance\n"

<< "=====================================\n";

for(int i = 1; i < 11; i++){

cout << setw(2) << i

<< fixed << setprecision(2) << setw(23) << fallingDistance(i) << " meters\n";

}

return 0;

}

/\* Test result

Seconds Distance

=====================================

1 4.90 meters

2 19.60 meters

3 44.10 meters

4 78.40 meters

5 122.50 meters

6 176.40 meters

7 240.10 meters

8 313.60 meters

9 396.90 meters

10 490.00 meters

\*/