#include<stdio.h>

#include<stdlib.h>

main() {

double packageWeight, shippingRate, shippingCharge;

int segment, distance;

printf("Enter your mileage: \n");

scanf\_s("%i", &distance);

printf("Your distance is: %i \n", distance);

//distance == 500;

printf("Enter package weight: \n");

scanf\_s("%lf", &packageWeight);

printf(" Your package weight is: %lf \n\n", packageWeight);

// caculate the shippingRate

if (packageWeight <= 9) {

shippingRate = 3.0;

}

else if (packageWeight >= 10) {

shippingRate = 5.0;

}

if (packageWeight > 50) {

printf(" Sorry, we only ship 50lb or less");

}

// calculate segments

if (distance % 500 == 0)

segment = distance / 500;

else

segment = distance / 500 + 1;

printf(" %i segments\n\n", segment);

// Calculate shippingCharge

shippingCharge = shippingRate \* segment;

if (distance >= 1000) {

shippingRate + 10.0 == shippingCharge;

}

// Output shippingCharge

printf("The shipping cost is: $%.2lf\n\n", shippingCharge);

system("pause");

}

