```
Student's Full Name                : Doe I. John
User Name                          : djohn
Step Used to compile & link        : gcc -o house.out /home/collard/UniversityOfC/CSI/djohn/house
.c
Errors or Warnings - Post Compile & link:
Source Code                        :
/*
   house.c

   Square footage of a house

   Doe John
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*/

#include <stdio.h>

int main() {

   // input the house depth
   printf("Enter the depth of the house (in feet):  ");
   double height;
   scanf("%lf", &height);

   // input the house width
   printf("Enter the width of the house (in feet):  ");
   double width;
   scanf("%lf", &width);

   // compute the area of the house
   double area = width * height;

   // output the area of the house
   printf("The house is %.0f square feet
", area);

   return 0;
}
Test Cases :
Enter the depth of the house (in feet) : 26
Enter the width of the house (in feet) : 1
The house is 26 square feet
Enter the depth of the house (in feet) : 98
Enter the width of the house (in feet) : 80
The house is 7840 square feet
Enter the depth of the house (in feet) : 41
Enter the width of the house (in feet) : 68
The house is 2788 square feet
```