

jdoue.txt **Wed Apr 13 19:59:46 2016** **1**

Student's Full Name : John I. Doe
User Name : jdoue
Step Used to compile & link : gcc -o house.out /home/collard/UniversityOfC/CSI/jdoue/house.
C

Errors or Warnings - Post Compile & link:
Source Code :

```
/*  
    house.c  
  
    Square footage of a house  
  
    John Doe  
    jdoue@uakron.edu  
*/  
  
#include <stdio.h>  
  
int main() {  
  
    // input the house width  
    printf("Enter the width of the house (in feet): ");  
    double width;  
    scanf("%lf", &width);  
  
    // input the house depth  
    printf("Enter the depth of the house (in feet): ");  
    double height;  
    scanf("%lf", &height);  
  
    // 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 width of the house (in feet) : 38  
Enter the depth of the house (in feet) : 91  
The house is 3458 square feet  
Enter the width of the house (in feet) : 61  
Enter the depth of the house (in feet) : 31  
The house is 1891 square feet  
Enter the width of the house (in feet) : 64  
Enter the depth of the house (in feet) : 95  
The house is 6080 square feet
```