

USER NAME: jdoe

FULL NAME: John I. Doe

SOURCE CODE

=====

```
/*  
    house.c  
  
    Square footage of a house  
  
    John Doe  
    jdoe@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\n", area);  
  
    return 0;  
}
```

COMPILING & RUNNING

```
cc /home/collard/UniversityOfC/CSI/jdoe/house.  
c -o jdoe.out
```

STATUS: SUCCESSFULLY COMPILED

=====RESULTS=====

TEST CASE 1

Enter the width of the house (in feet): 05
Enter the depth of the house (in feet): 42
The house is 210 square feet

TEST CASE 2

Enter the width of the house (in feet): 75

Enter the depth of the house (in feet): 11
The house is 825 square feet

TEST CASE 3

Enter the width of the house (in feet): 44
Enter the depth of the house (in feet): 18
The house is 792 square feet