

USER NAME: djohn  
FULL NAME: Doe I. John

Enter the depth of the **house** (in feet): 11  
Enter the width of the **house** (in feet): 75  
The house is 825 square feet

TEST CASE 3

SOURCE CODE

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

```
=====
/*
    house.c

    Square footage of a house

    Doe John
    djohn@uakron.edu
*/

#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\n", area);

    return 0;
}
```

COMPILING & RUNNING

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

**STATUS:** SUCCESFULLY COMPILED

=====RESULTS=====

TEST CASE 1

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

TEST CASE 2