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Step Used to compile & link : gcc -o house
.out /home/collard/UniversityOfC/CSI/idae/house.c
Errors or Warnings - Post Compile & link:
/home/collard/UniversityOfC/CSI/idae/house.c:
In function â\200\230mainâ\200\231:
/home/collard/UniversityOfC/CSI/idae/house.c:1
3:3: warning: implicit declaration of function
â\200\230printfâ\200\231 [-Wimplicit-function
-declaration]
    printf("Enter the width of the house (in fe
et): ");
    ^
/home/collard/UniversityOfC/CSI/idae/house.c:1
3:3: warning: incompatible implicit declaratio
n of built-in function â\200\230printfâ\200
\231
/home/collard/UniversityOfC/CSI/idae/house.c:1
3:3: note: include â\200\230<stdio.h>â\200\231
or provide a declaration of â\200\230printfâ
\200\231
/home/collard/UniversityOfC/CSI/idae/house.c:1
5:3: warning: implicit declaration of function
â\200\230scanfâ\200\231 [-Wimplicit-function-
declaration]
    scanf("%lf", &width);
    ^
/home/collard/UniversityOfC/CSI/idae/house.c:1
5:3: warning: incompatible implicit declaratio
n of built-in function â\200\230scanfâ\200\231
/home/collard/UniversityOfC/CSI/idae/house.c:1
5:3: note: include â\200\230<stdio.h>â\200\231
or provide a declaration of â\200\230scanfâ
\200\231
Source Code              :
/*
    house.c

    Square footage of a house

    John Doe
    jdoe@uakron.edu
*/

int main() {

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

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

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

```

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// 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) : 69
Enter the depth of the house (in feet) : 51
The house is 3519 square feet
Enter the width of the house (in feet) : 59
Enter the depth of the house (in feet) : 52
The house is 3068 square feet
Enter the width of the house (in feet) : 78
Enter the depth of the house (in feet) : 51
The house is 3978 square feet

```