

USER NAME: idoe

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SOURCE CODE

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

   Square footage of a house

   John Doe
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*/

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/idoe/house.c -o idoe.out
```

```
/home/collard/UniversityOfC/CSI/idoe/house.c:
In function â\200\230mainâ\200\231:
/home/collard/UniversityOfC/CSI/idoe/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 feet): ");
    ^
/home/collard/UniversityOfC/CSI/idoe/house.c:1
3:3: warning: incompatible implicit declaration of built-in function â\200\230printfâ\200\231
/home/collard/UniversityOfC/CSI/idoe/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
```

```
\200\231
/home/collard/UniversityOfC/CSI/idoe/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/idoe/house.c:1
5:3: warning: incompatible implicit declaration of built-in function â\200\230scanfâ\200\231
/home/collard/UniversityOfC/CSI/idoe/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
```