```
Student's Full Name          : Irving J. Doe
User Name                    : idoe
Step Used to compile & link  : gcc -o house.out /home/collard/UniversityOfC/CSI/idoe/house.
c
Errors or Warnings - Post Compile & link:
/home/collard/UniversityOfC/CSI/idoe/house.c: In function â\200\230mainâ\200\231:
/home/collard/UniversityOfC/CSI/idoe/house.c:13:3: 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:13:3: warning: incompatible implicit declaration
of built-in function â\200\230printfâ\200\231
/home/collard/UniversityOfC/CSI/idoe/house.c:13:3: note: include â\200\230<stdio.h>â\200\231 o
r provide a declaration of â\200\230printfâ\200\231
/home/collard/UniversityOfC/CSI/idoe/house.c:15:3: warning: implicit declaration of function â
\200\230scanfâ\200\231 [-Wimplicit-function-declaration]
   scanf("%lf", &width);
   ^
/home/collard/UniversityOfC/CSI/idoe/house.c:15:3: warning: incompatible implicit declaration
of built-in function â\200\230scanfâ\200\231
/home/collard/UniversityOfC/CSI/idoe/house.c:15:3: note: include â\200\230<stdio.h>â\200\231 o
r provide a declaration of â\200\230scanfâ\200\231
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
", area);

  return 0;
}
Test Cases :
Enter the width of the house (in feet) : 23
Enter the depth of the house (in feet) : 93
The house is 2139 square feet
Enter the width of the house (in feet) : 93
Enter the depth of the house (in feet) : 50
The house is 4650 square feet
Enter the width of the house (in feet) : 24
Enter the depth of the house (in feet) : 7
The house is 168 square feet
```