```c
#include <stdio.h>
int main() {
        double perimeter, length, width;
        //input perimeter from the user
        printf("enter the perimeter of the fence:");
        scanf("%lf", &perimeter);

        //calculate the length and width
        length = (2*perimeter) / 7;
        width = (3 / 4) * length;

        //output the results
        printf(" the length of the fence is: %.2lf\n", length);
    printf("the width of the fence is: %.2lf\n", width);

    return 0; }
```

fence_dimensions.c

fence_dimensions.o
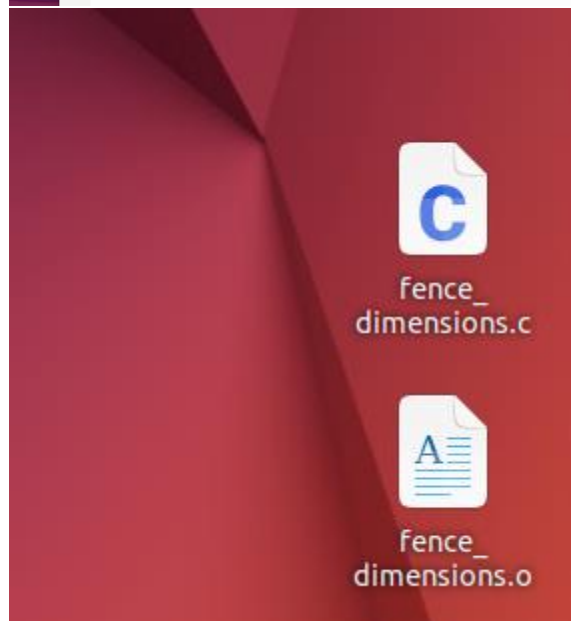
```
it24103483@MLBVDI-LNN-030:~$ pwd
/home/it24103483@sliitstd.local
it24103483@MLBVDI-LNN-030:~$ cd Desktop
it24103483@MLBVDI-LNN-030:~/Desktop$ vim fence_dimensions.c
it24103483@MLBVDI-LNN-030:~/Desktop$ gcc fence_dimensions.c -o fence_dimensions.
o
fence_dimensions.c: In function 'main':
fence_dimensions.c:13:10: warning: implicit declaration of function 'peintf'; di
d you mean 'printf'? [-Wimplicit-function-declaration]
   13 |          peintf(" the length of the fence is: %.2lf\n", length);
      |          ^~~~~~
      |          printf
/usr/bin/ld: /tmp/ccCPPiu6.o: in function `main':
fence_dimensions.c:(.text+0x8f): undefined reference to `peintf'
collect2: error: ld returned 1 exit status
it24103483@MLBVDI-LNN-030:~/Desktop$ gcc fence_dimensions.c -o fence_dimensions.
o
it24103483@MLBVDI-LNN-030:~/Desktop$ ./fence_dimensions.o
enter the perimeter of the fence:
```