**Task**: Write a C program to be used as a converter between centimeters and inches/feet.

**Use the relation**:

\[
1 \text{ centimeters} = 0.393700787402 \text{ inches} = 0.03280839895 \text{ feet}
\]

**How it works**: After start up, the program prompts the user to enter a quantity and a unit symbol. After pressing enter, program displays the quantity converted to other unit(s) up to 3 decimal digits after radix point and terminates.

**Examples**:

```
Enter Quantity : 25.3 c
25.3 centimeters = 9.961 inches = 0.830 feet
```

```
Enter Quantity : 10i
10 inches = 25.400 centimeters
```

```
Enter Quantity : 2.5f
2.5 feet = 76.200 centimeters
```

**Time**: You have 15 minutes to write the program. You do not need to write `#include`, `system(..)` etc.
int main(){
    double x, ci=0.393700787402, cf=0.03280839895; char un;
    printf("Enter quantity : ");
    scanf("%lf %c",&x,&un);
    if((un=='c')||(un=='C'))
        printf("%.3lf centimeters = %.3lf inches = %.3lf feet\n",x,x*ci,x*cf);
    else if((un=='i')||(un=='I'))
        printf("%.3lf inches = %.3lf centimeters\n",x,x/ci);
    else if((un=='f')||(un=='F'))
        printf("%.3lf feet = %.3lf centimeters\n",x,x/cf);
    else
        printf("invalid unit\n");
    return 0;
}