1) Write a program in C to convert miles into kilometers (Km). Hint: 1 Mile=1.609 Km. [Use macros, relevant name and types for variables].

```c
#include <stdio.h>
#define mile_to_km 1.609f
int main (){
    printf("please enter the value in miles : ");
    float miles;
    scanf("%f",&miles);
    float km=miles*mile_to_km;
    printf("the value in kilometers is  : %f ",km);
    return 0;
}
```

```
~/Documents/dslab    nvim assignment1_Q1.c
~/Doc/dslab    gcc assignment1_Q1.c
~/Documents/dslab    ./a.out
please enter the value in miles : 10
the value in kilometers is  : 16.090000
~/Documents/dslab    ./a.out
please enter the value in miles : 42
the value in kilometers is  : 67.577995
~/Documents/dslab    ./a.out
please enter the value in miles : 22
the value in kilometers is  : 35.397999
~/Documents/dslab    ./a.out
please enter the value in miles : 35
the value in kilometers is  : 56.314999
~/Documents/dslab    ./a.out
please enter the value in miles : 41
the value in kilometers is  : 65.969002
```

https://github.com/Udbhav-Dubey/uddsalab