





8) Write a program to swap two numbers using functions.

```
1 #include <stdio.h>
2 int main (){
3     float n1;
4     float n2;
5     printf("enter the first number : ");
6     scanf("%f",&n1);
7     printf("enter the second number : ");
8     scanf("%f",&n2);
9     float temp;
10    temp=n1;
11    n1=n2;
12    n2=temp;
13    printf("now the first number is %.2f \n",n1);
14    printf("now the second number is %.2f \n",n2);
15    return 0;
16 }
```

```
  ~/Documents/dslab nvim assignment1 Q8.c  
  ~/Documents/dslab gcc assignment1 Q8.c  
  ~/Documents/dslab ./a.out
```

```
enter the first number : 2.6  
enter the second number : 4.8  
now the first number is 4.80  
now the second number is 2.60
```

```
  ~/Documents/dslab ./a.out  
enter the first number : 0.00052  
enter the second number : .002  
now the first number is 0.00  
now the second number is 0.00
```

```
  ~/Documents/dslab ./a.out  
enter the first number : 112.22  
enter the second number : 12321.12  
now the first number is 12321.12  
now the second number is 112.22
```