```c
#define _CRT_SECURE_NO_WARNINGS
#include <stdio.h>

/*
Title:  smallest and largest
Author: Adolfo Gante
Date: March 3, 2020
Dsicription:  program to find the smallest and largest of several
integers,
                              given a specified number of intergers
*/

int main(void)
{
    double num = 0.0;
    int repeat = 0;
    double largest = 0.0;
    double smallest = 9999999999999999999;

    printf("How many numbers would you like to compare?\n");
    scanf("%d", &repeat);

    for (int count = 0; repeat != count; count++)
    {
            printf("Input a number please: \n");
            scanf("%lf", &num);

            if (repeat == 1)
            {
                    largest = num;
                    smallest = num;
            }
            else
            {
                    if (num > largest)
                    {
                        largest = num;
                    }

                    if (num < smallest)
                    {
                        smallest = num;
                    }
            }

    }

    printf("Largest: %lf\n", largest);
    printf("Smallest: %lf\n", smallest);

    return(0);
}
```