**1. Reverse very large or big numbers beyond the range of long int**

**2. Reverse five digit number c program**

Logic is we accept the number as string

#include<stdio.h>

#define MAX 1000

int main(){

    char num[MAX];

    int i=0,j,flag=0;

    printf("Enter any positive integer: ");

    scanf("%s",num);

    while(num[i]){

         if(num[i] < 48 || num[i] > 57){

             printf("Invalid integer number");

             return 0;

         }

         i++;

    }

    printf("Reverse: ");

    for(j=i-1;j>=0;j--)

         if(flag==0 &&  num[j] ==48){

         }

         else{

             printf("%c",num[j]);

             flag =1;

         }

    return 0;

Sample output:

Enter any positive integer: 234561000045645679001237800000000000

Reverse: 8732100976546540000165432