```
/***** String Multiplication Faster *****/
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <iostream>
1234567890123456789012304506078901234567890
       using namespace std;
       int main(void)
             char num1[200], num2[200];
char result arr[400] = { '\0'};
int left_shift = 0;
//cin>>num1>>num2[200];
//cin>>num1[200], num2[200];
             int n1 = strlen(num1);
               int n2 = strlen(num2);
                  cout<<n1<<"
                                         "<<n2<<endl;
               for(int i = n2-1; i >= 0; i--)
                      int carry = 0, k = left_shift;
for(int j = n1-1; j >= 0; j--)
                             int partial_result = (num1[j] -
'0') + carry;
if(result_arr[k])
    partial_result += result_arr[k]
    ')*(num2[i]
                              result_arr[k++] = partial_result%10 +
                              carry = partial_result/10;
                      if(carry > 0)
   result_arr[k] = carry +'0';
left_shift++;
               //printf("%s\n", result_arr);
               int len = strlen(result arr);
              for(int i = len-1; i >= 0; i-- )
    printf("%c", result_arr[i]);
printf("\n");
```