

```
1  #include <stdio.h>
2  #include <string.h>
3
4  #define max 100
5  int top, stack[max];
6
7  void push(char x){
8
9
10     if(top == max-1){
11         printf("stack overflow");
12     } else {
13         stack[++top]=x;
14     }
15
16 }
17
18 void pop(){
19
20     printf("%c", stack[top--]);
21 }
22
23
24 main()
25 {
26     char str[]="sri lanka";
27     int len = strlen(str);
28     int i;
29
30     for(i=0;i<len;i++)
31         push(str[i]);
32
33     for(i=0;i<len;i++)
34         pop();
35 }
```



C:\Users\Dell\Documents\stack application.exe

aknal ihs

Process exited after 0.02641 seconds with return value 0

Press any key to continue . . .

