

7) REVERSING A STRING USING STACKS

METHOD:

This is a very easy sum.

We just go on pushing the characters of the string into the stack starting from the 0th index. Then we again start popping the elements and go on assigning the popped elements into the string starting from the 0th index.

CODE OF THE PROGRAM:

```
char* reverse(char *s, int len)
{
    stack<char> stk;
    for(int i=0;i<len;i++){
        stk.push(s[i]);
    }
    for(int i=0;i<len;i++){
        char temp=stk.top();
        s[i]=temp;
        stk.pop();
    }
    return s;
}
```