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;Program:      tstUtil20111
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;Class:       CSCI 2160
;Date:        11/1/11
;Purpose: To illustrate the use of putstring and getstring with PROTOyping
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.486
.model flat
.stack 100h
ExitProcess      PROTO NEAR32 stdcall, dExitCode:DWORD
putstring proto near32 stdcall, lpStringOutput:dword
getstring proto near32 stdcall, lpInputString:dword, dLength:dword
               ;dLength = max desired length

.data
strInput byte 80 dup(?)
strOutput byte 80 dup(?)
crlf byte 10,13,0
strPrompt byte 10,13,"Enter string: ",0

.code
_start:

INVOKE putstring, offset strPrompt
INVOKE getstring,offset strInput, dword ptr 20 ; 20=max length for input string
INVOKE putstring, offset crlf
INVOKE putstring, offset strInput
invoke ExitProcess,0
PUBLIC _start
end
```