**LAB TASK - STACKS**

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**QUESTION :**

**CODE :**

Include Irvine32.inc

.data

STACKEXAMPLE BYTE "PRINTING NUMBERS USING STACK ",0dh,0ah,0

ONE dword 100

TWO dword 200

THREE dword 300

FOUR dword 400

FIVE dword ? ;UNINITIALIZED STACK

.code

MAIN PROC

mov edx,OFFSET STACKEXAMPLE

CALL WRITESTRING

CALL CRLF

push ONE

push TWO

push THREE

push FOUR

mov eax,500

push eax

pop eax

call writedec

call crlf

pop eax

call writedec

call crlf

pop eax

call writedec

call crlf

pop FIVE

mov eax,FIVE

call writedec

call crlf

pop eax

call writedec

call crlf

call writedec

call crlf

exit

main ENDP

END main

**OUTPUT:**

