Assignment - 9

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Title: Factorial

Problem defination:

Write x86 ALP to find factorial of a given integer on comm-and line using recursion. By Explicit stack manipulation is expected

Objective :-

1) To understand recursive

procedures en ALP.

11) To understand stack manipul-

3/W requirement:

Text editor, Assembler

(NASM), Debuger (GDB)

Theory 3-

- Recursitive procedures are special procedures that call themselves en their body .

- This mesults to the & Portration of an implicit stack whose top is the current & procedure call.

- To maintain values of variable during recursion, we can use the program stack & push the most recent value on top of stack.



