## EE 213 Computer Organization and Assembly Language

**Week # 7 Lecture # 16** 

29<sup>th</sup> Muharram ul Haram, 1440 A.H 10<sup>th</sup> October 2018

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Minds open...



... Laptops closed



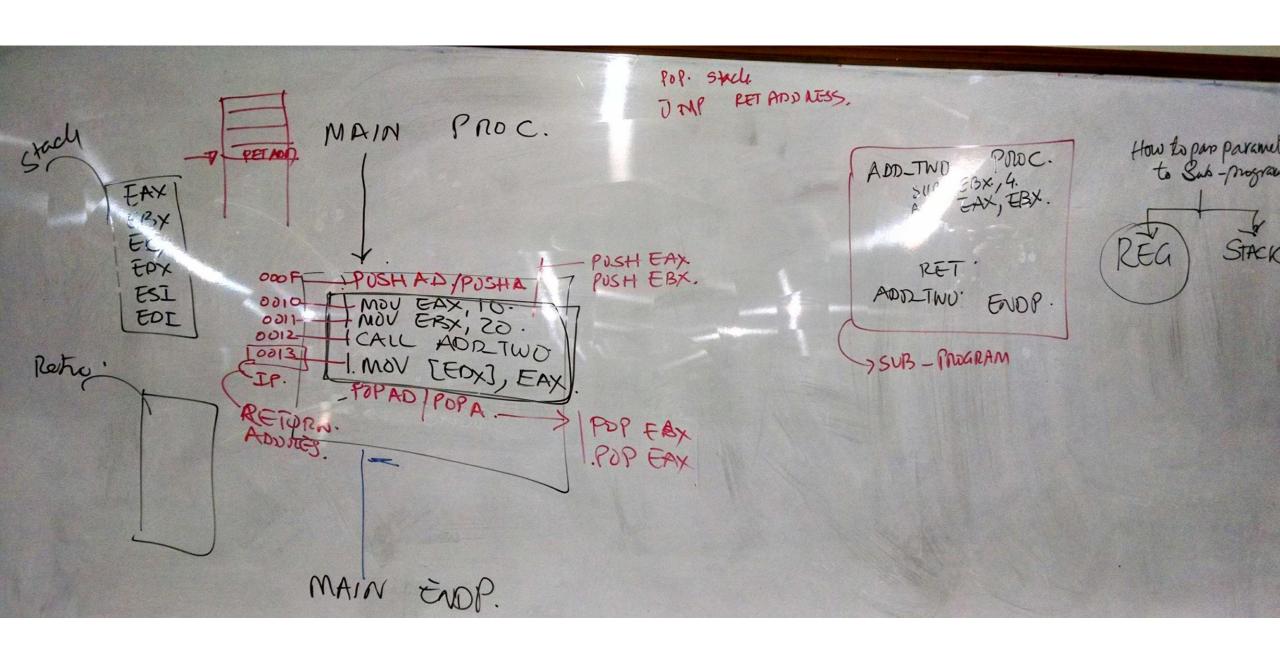


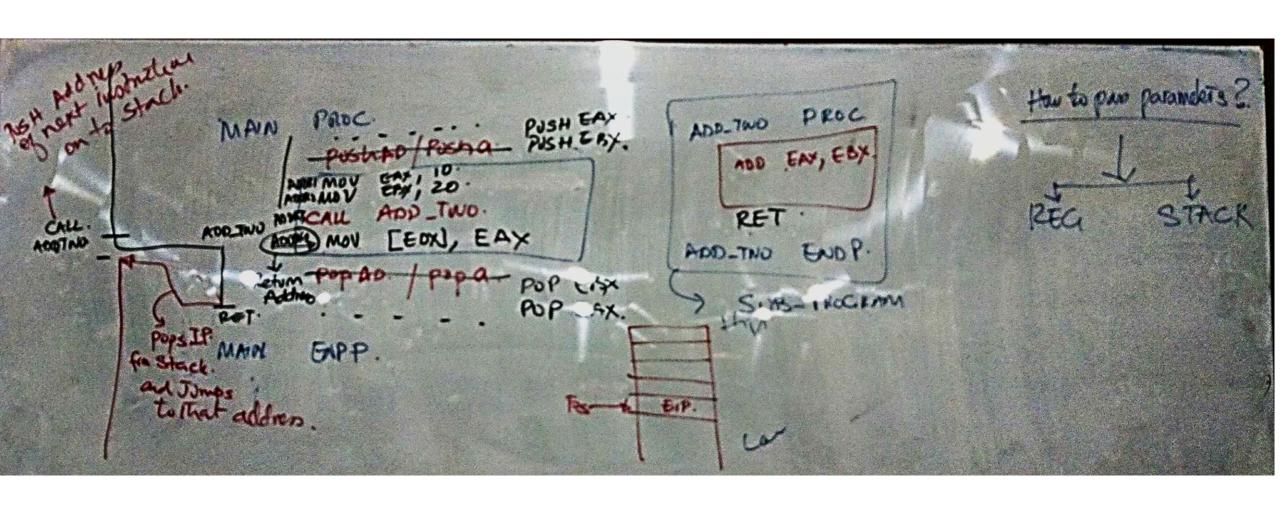
This presentation helps in delivering the lecture.

Take notes, interact and read text book to learn and gain knowledge.

## Today's Topics

- Stack operation (review and class work)
- Segment and Offsets
  - 20 bit address (revision)
- Call and Return Instruction
  - Use of Stack using call and return
  - Use of stack preserving various registers which are used in parameter passing
  - Saving return value





How to paro parameters: ADD-TWO PROC.
ADD EAX, EBX. PROC. MAIN posh-AD/Posha. Set parameta in Registers
CAU ADD\_TWO.

process Yelon Values. ENDP. CUT\_COGA Popao. / popa. SUB-PROCKAM MAIN SNPP.