



# Atwa's Assembler

## Manual

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## Assembler

It is a program that takes file with extension .asm and convert it to file with extension .mem , its function is to convert the instructions from its Assembly form to the binary form that the A-processor understands.

## Specifications

- 1- It understands numbers in the decimal form only
- 2- Cannot deal with the commented lines
- 3- Cannot deal with the Spaces
- 4- The destination register is put in the beginning such as : ADD Rdst,Rsrc1,Rsrc2
- 5- It Translates .ORG as it is an address
- 6- Generates .mem files in binary form

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