

Data Transfer Operation :-

These instructions transfer data from one location in the Computer to another location without changing the data content.

The most common transfers are between :-

- processor registers and memory,
- processor registers and I/O and
- processor registers themselves.

These instructions need :-

- the location of source and destination operands and
- the mode of addressing for each operand.



Operation Name	Mnemonic	Description
LOAD	LD	Loads the contents from memory to registers.
Store	ST	Store info Reg - Memory
Move	MOV	Data Transfer from one Reg - Reg between CPU Registers and Memory
Exchange	XCH	Swaps info. between two Registers or a Register and mem
clear	CLEAR	Causes the specified operand to be replaced by 0's
Set	SET	Causes the specified operand to be replaced by 1's

Push	PUSH	Transfer data from a processor register to top of memory stack.
Pop	POP	Transfer Data from top of Stack to processor Register

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