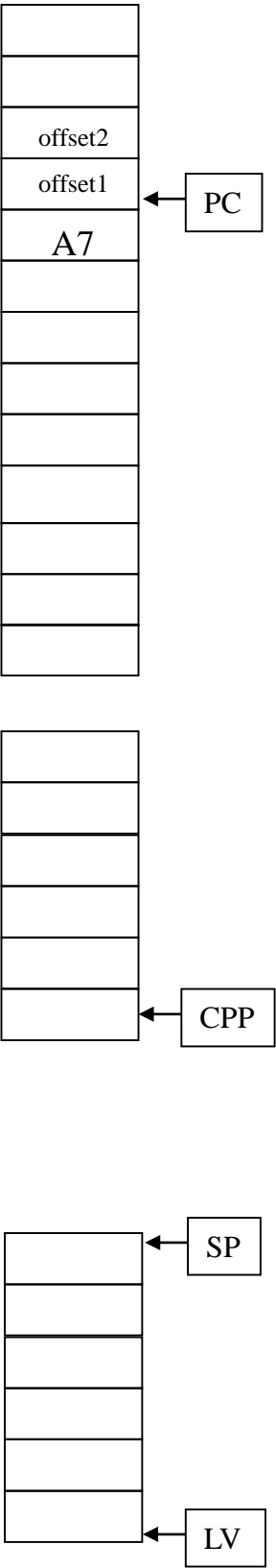
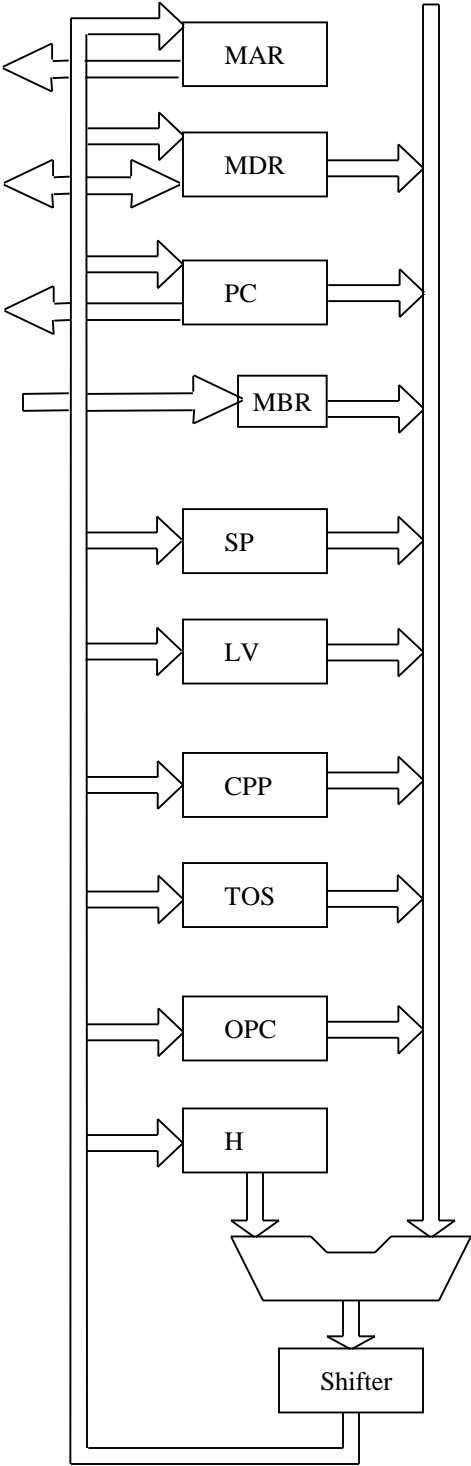
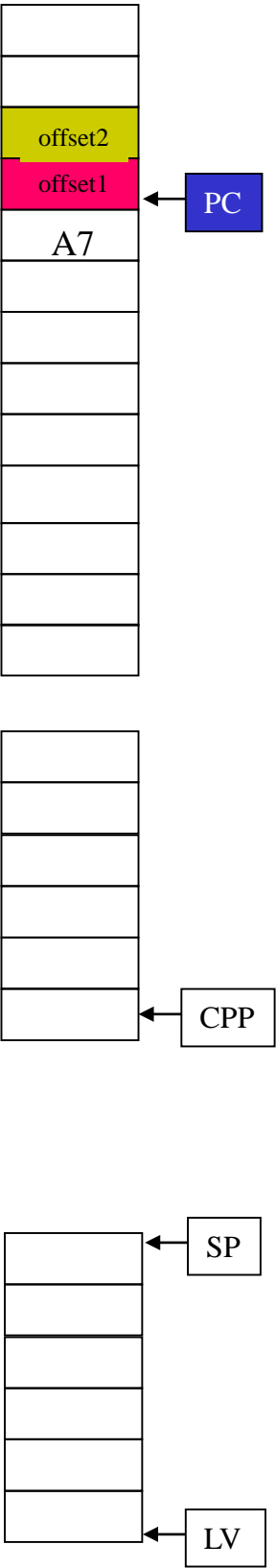
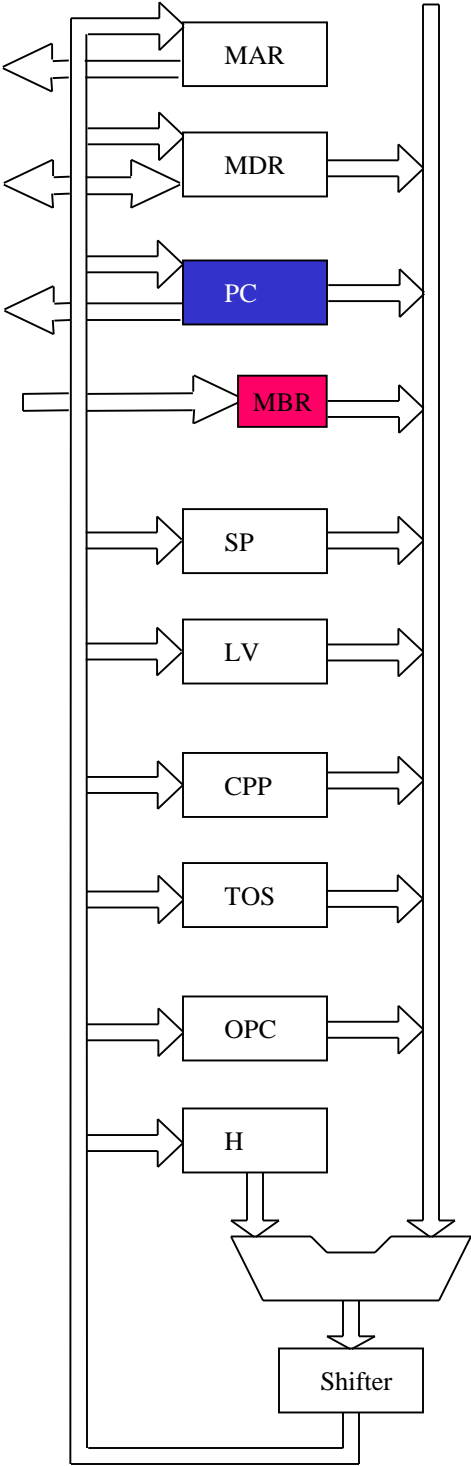


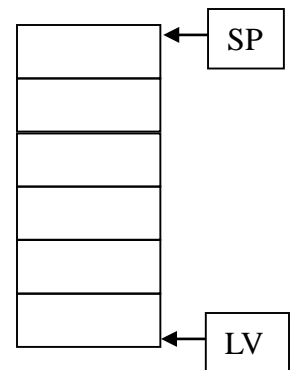
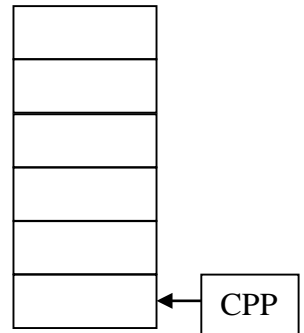
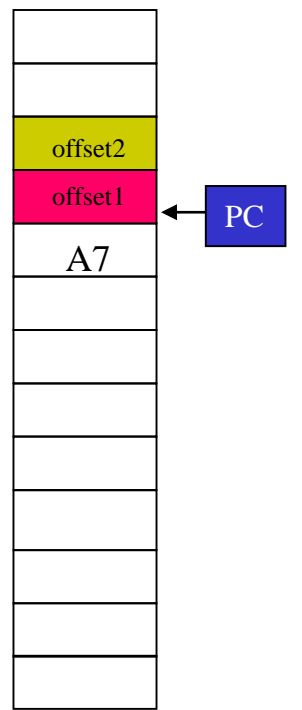
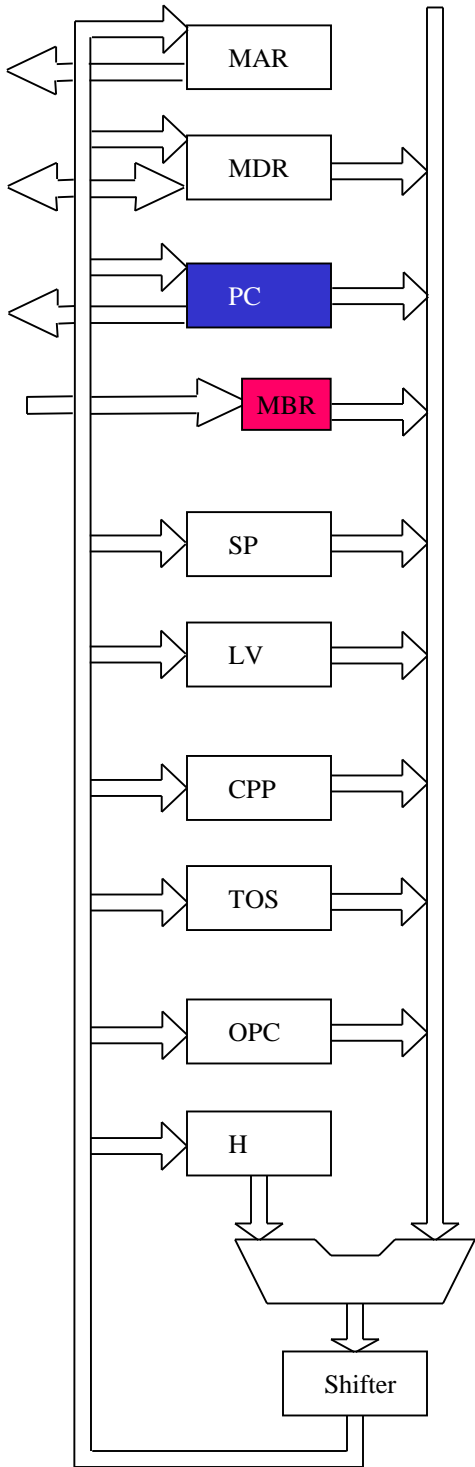
GOTO



GOTO

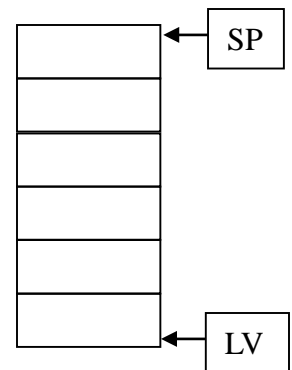
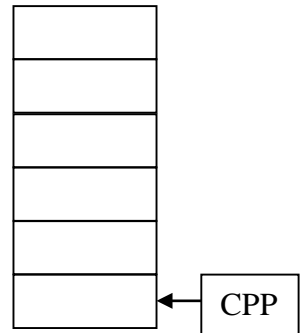
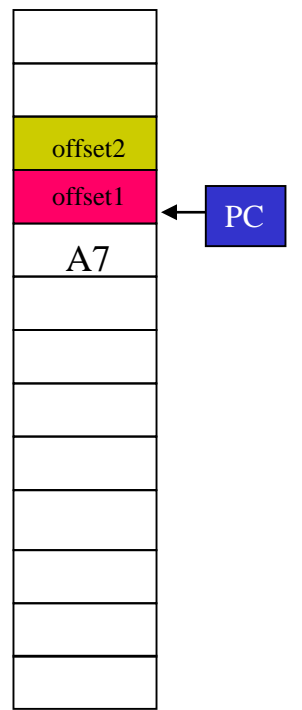
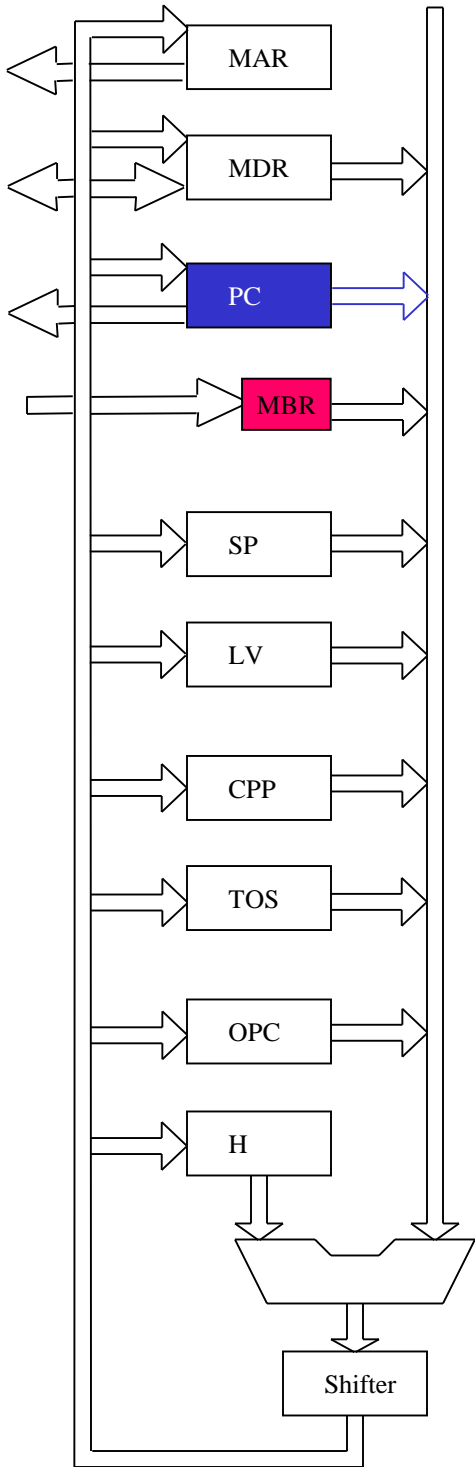


GOTO



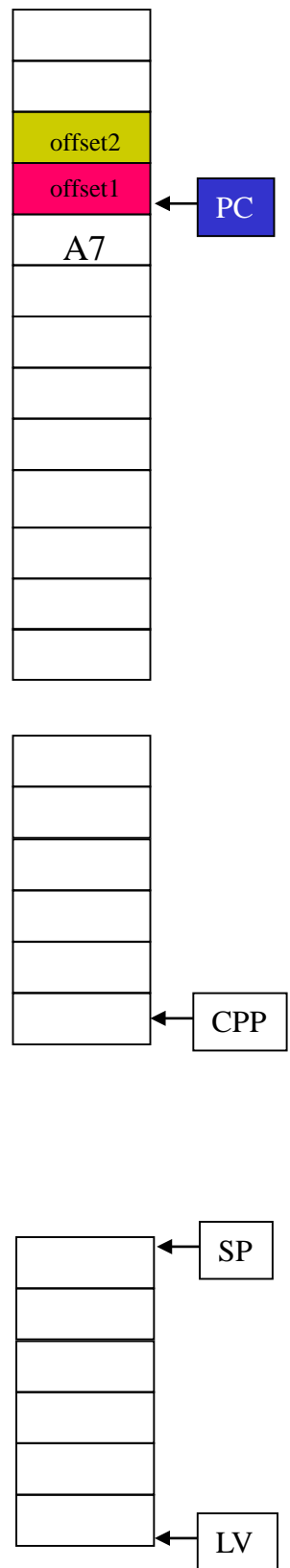
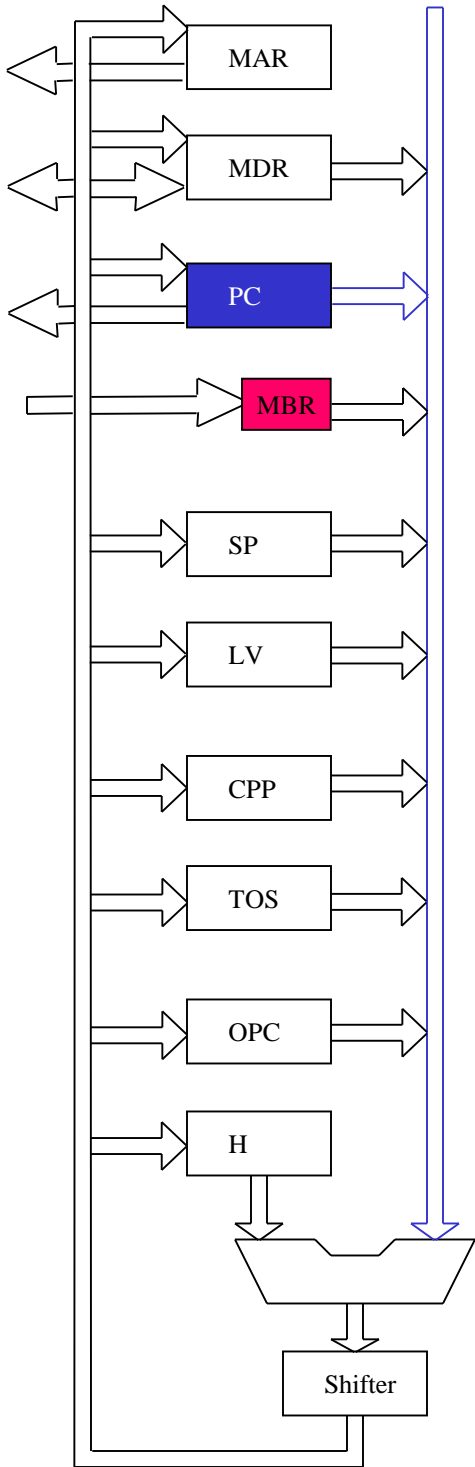
$$OPC = [PC] - 1$$

GOTO



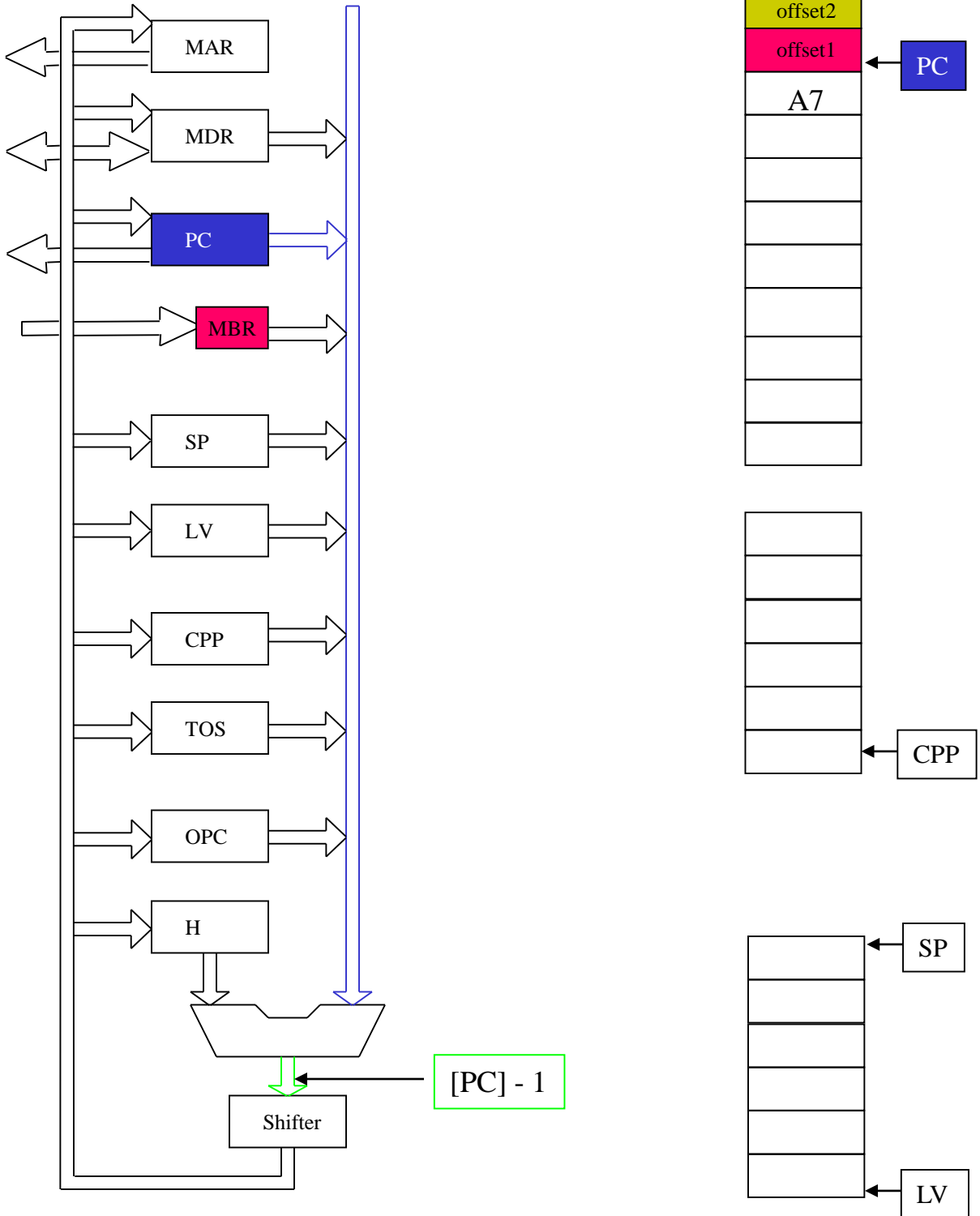
$$OPC = [PC] - 1$$

GOTO



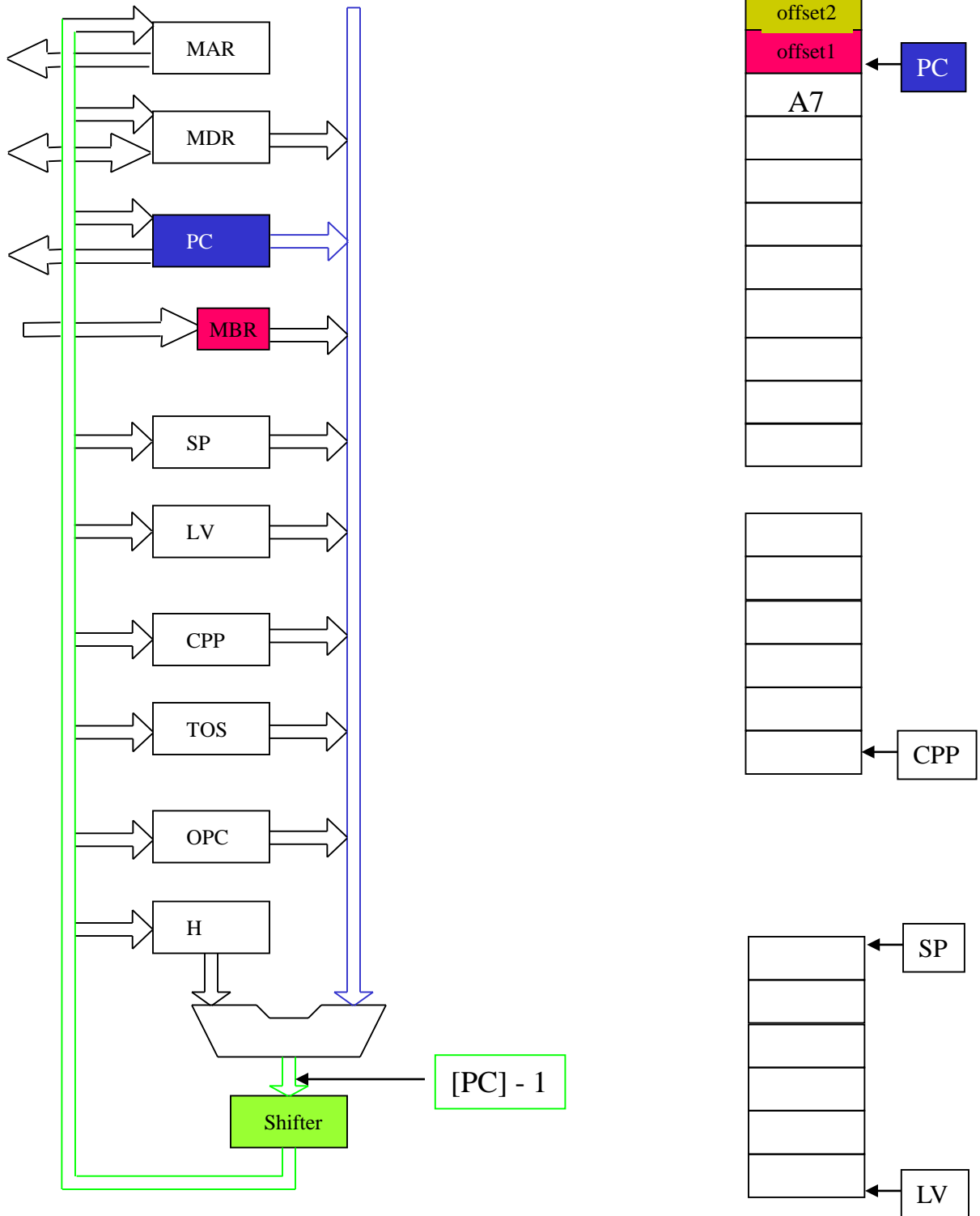
$$OPC = [PC] - 1$$

GOTO



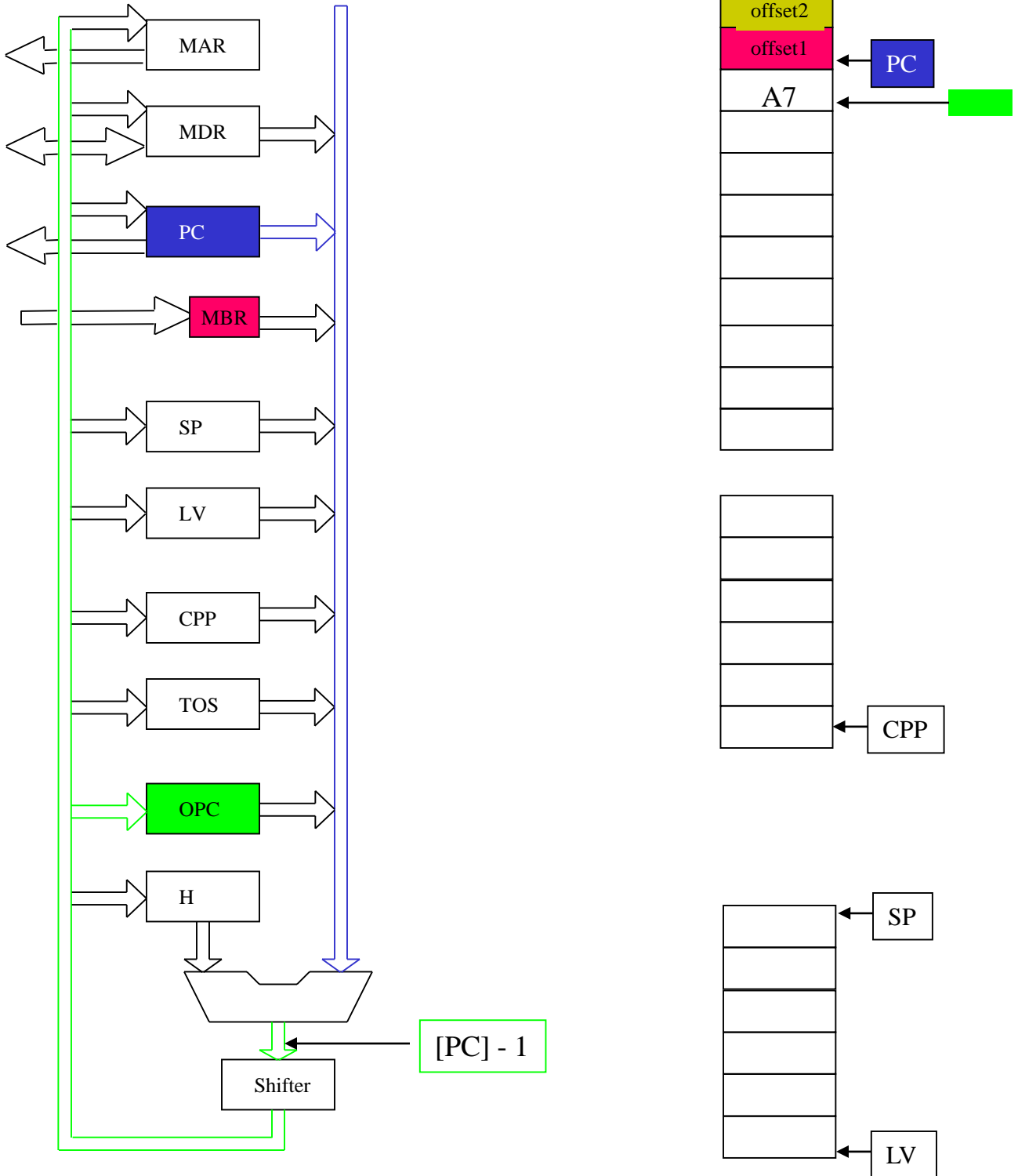
$$OPC = [PC] - 1$$

GOTO



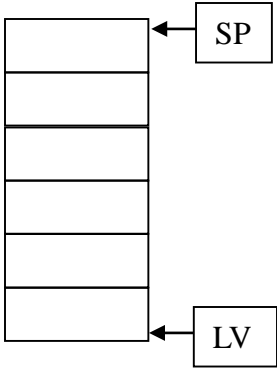
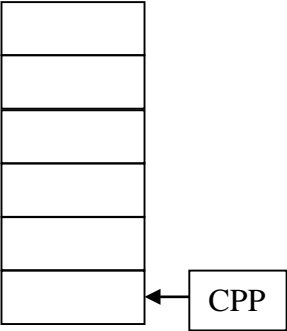
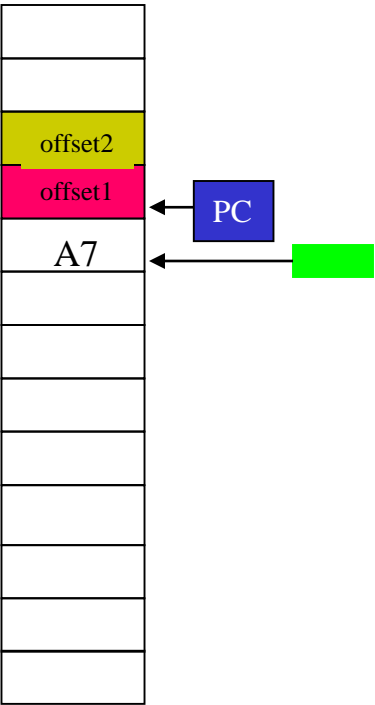
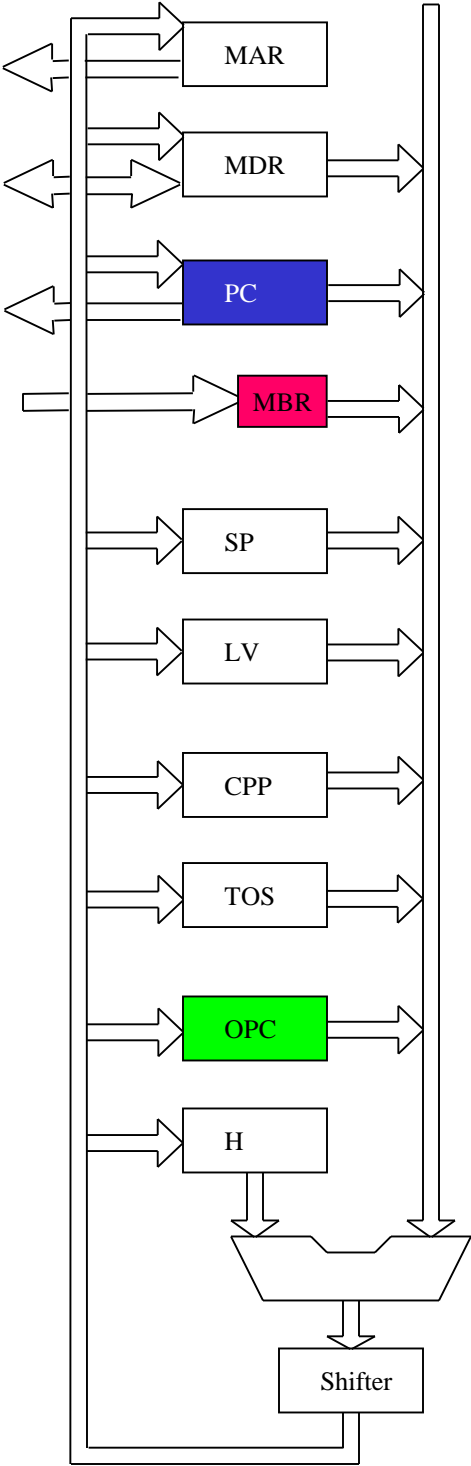
$$OPC = [PC] - 1$$

GOTO



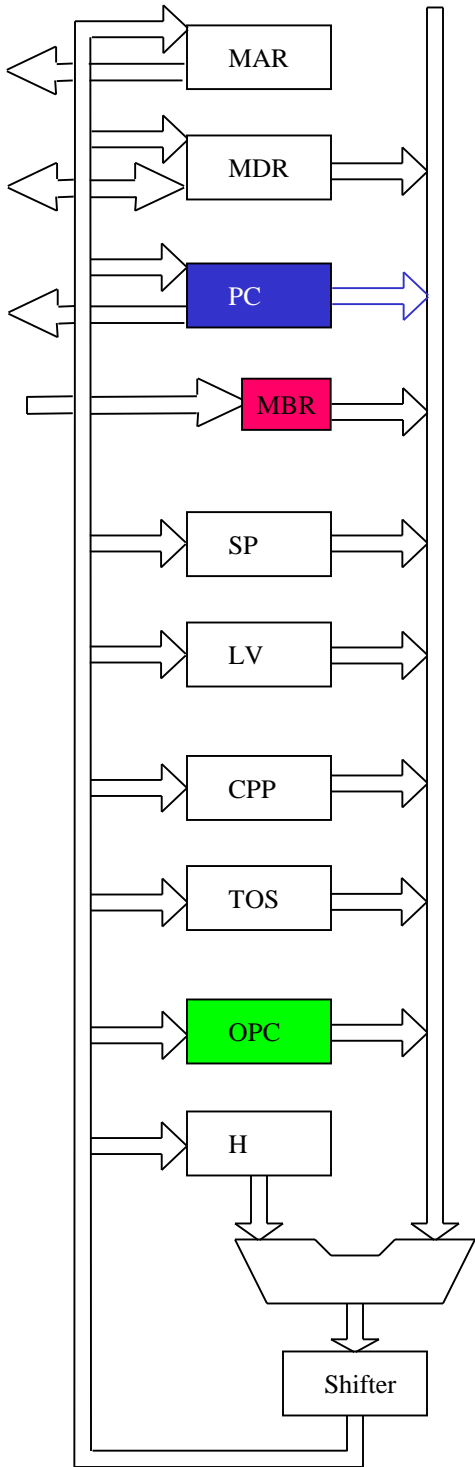
$$OPC = [PC] - 1$$

GOTO

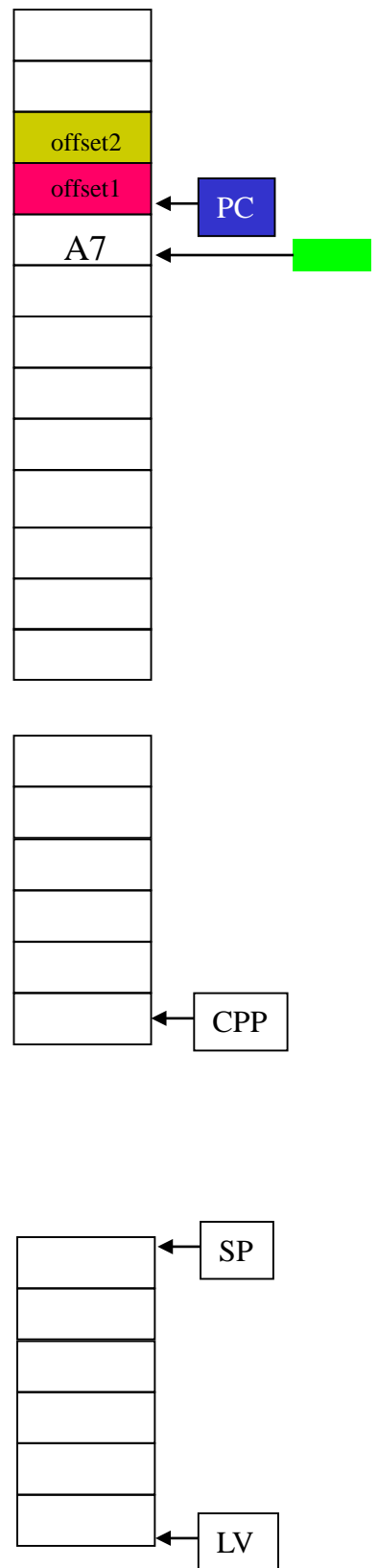


$$PC = [PC] + 1$$

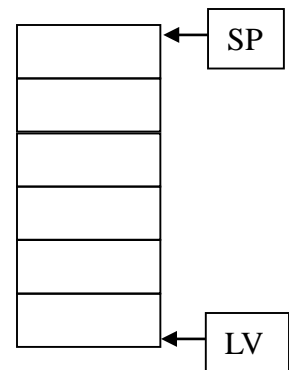
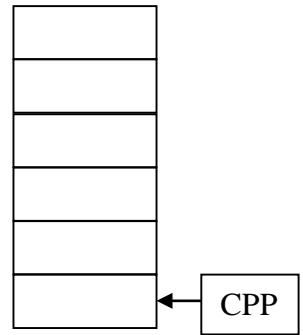
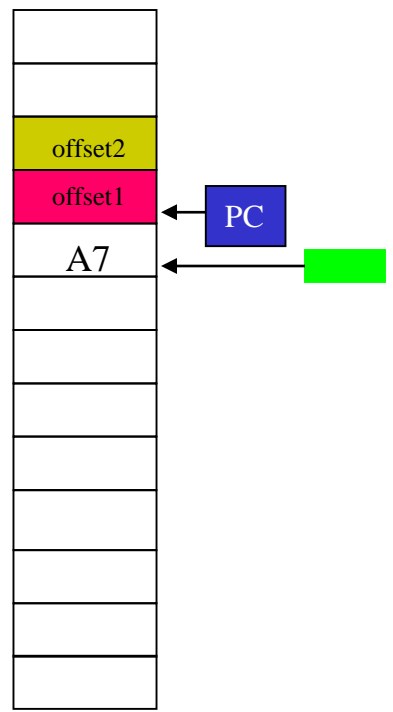
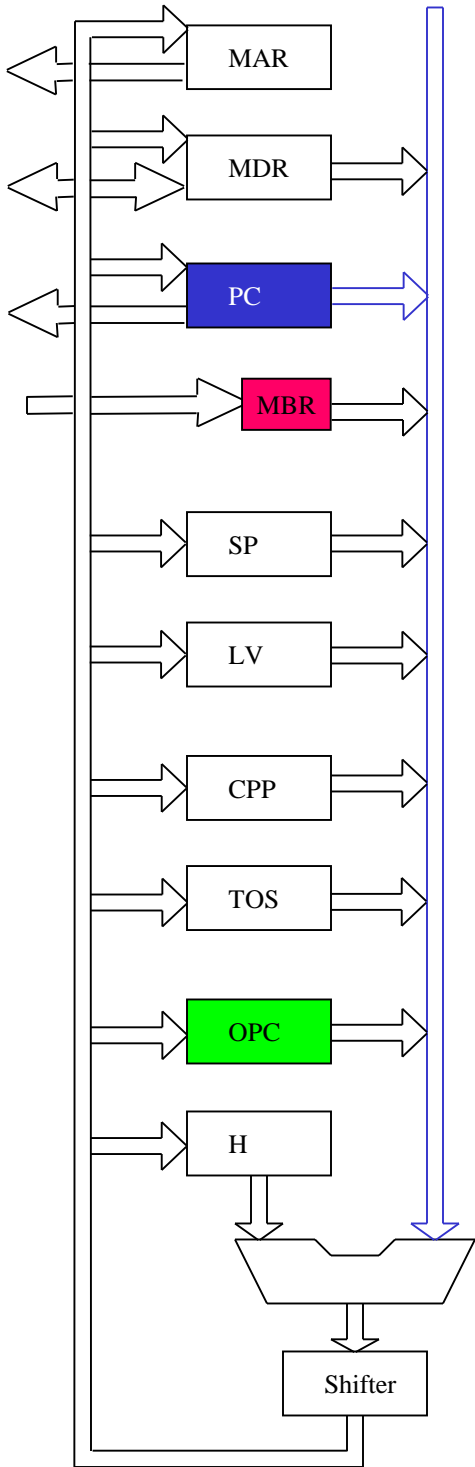
GOTO



$$PC = [PC] + 1$$

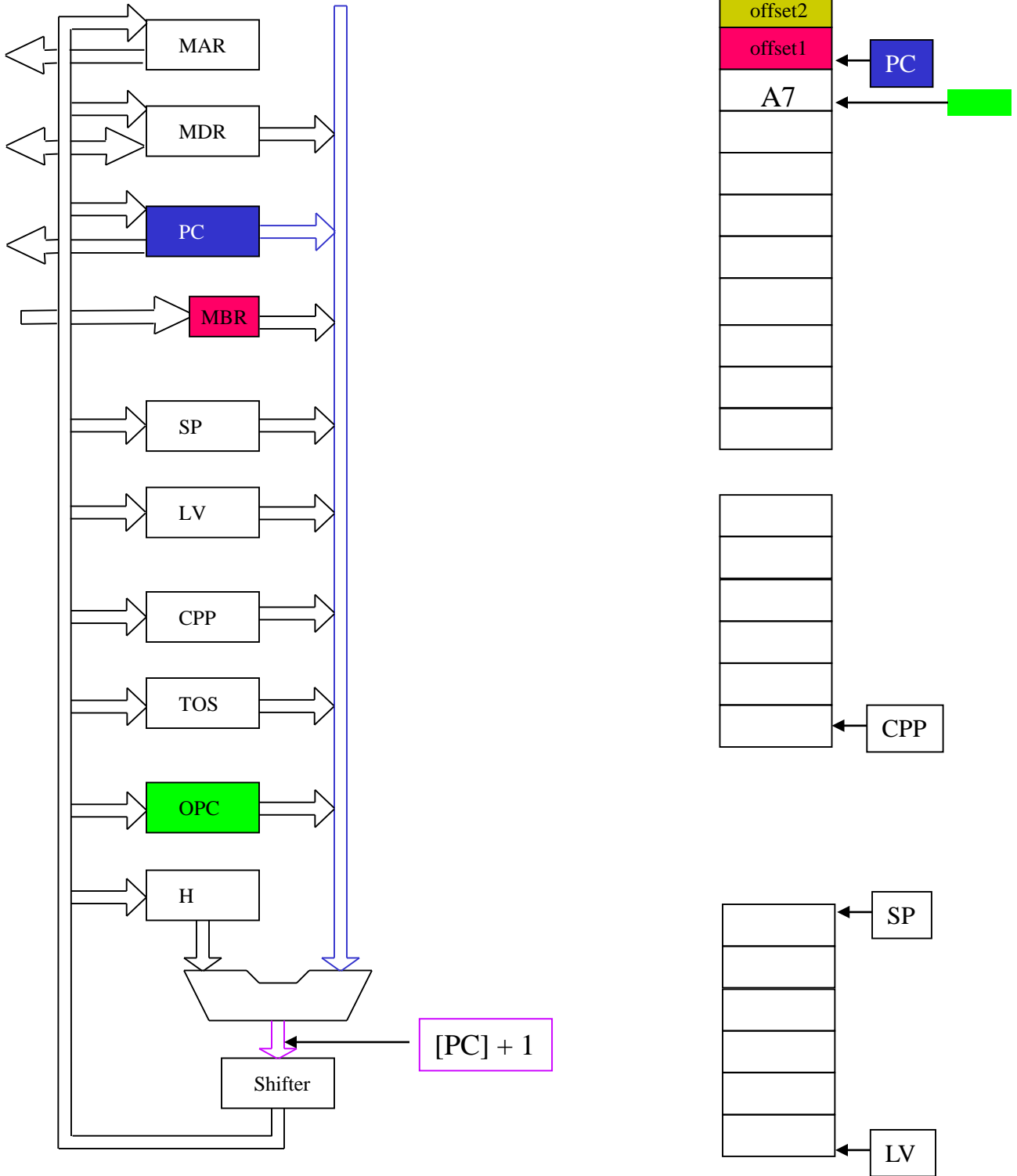


GOTO



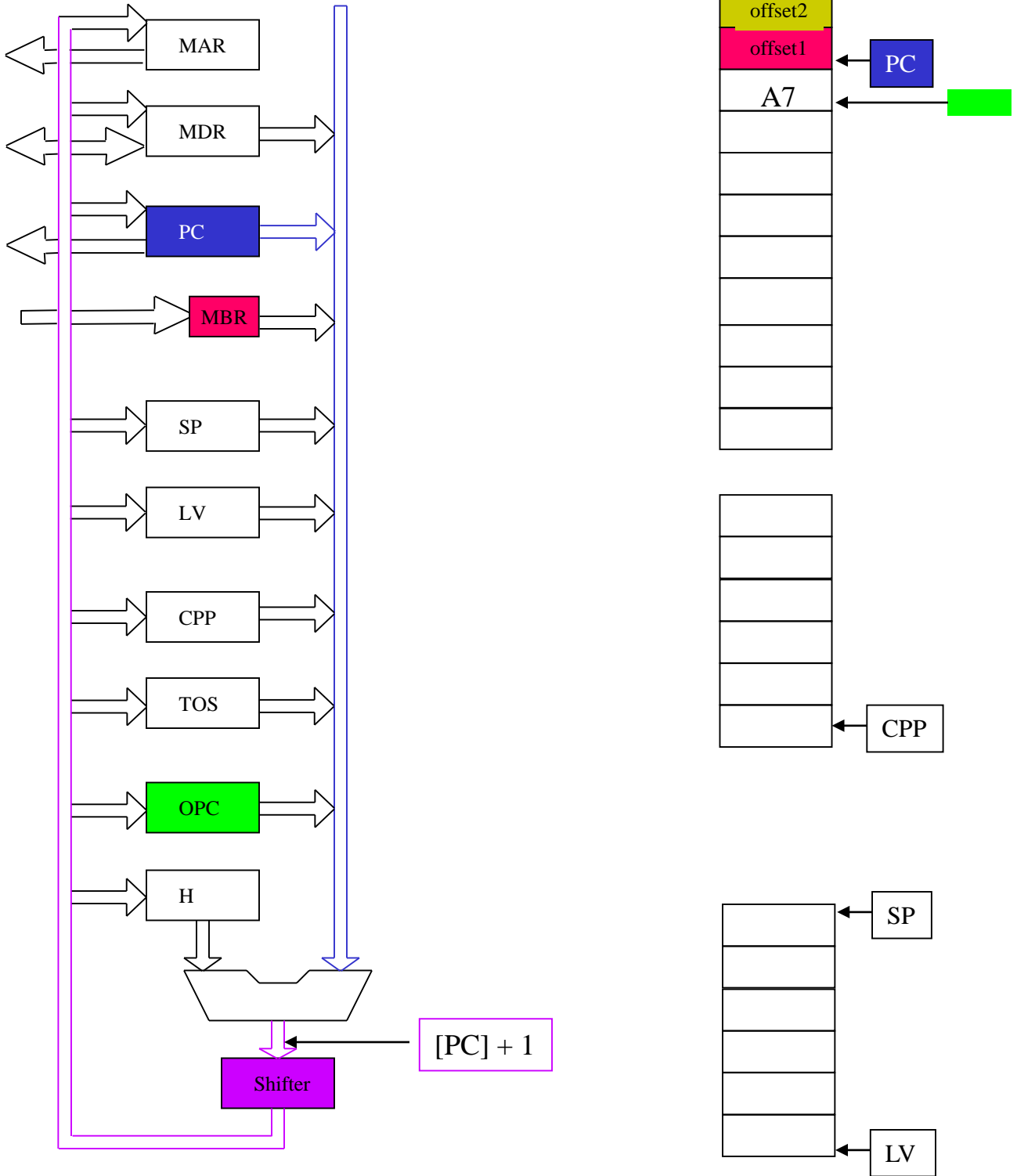
$PC = [PC] + 1; \text{fetch}$

GOTO



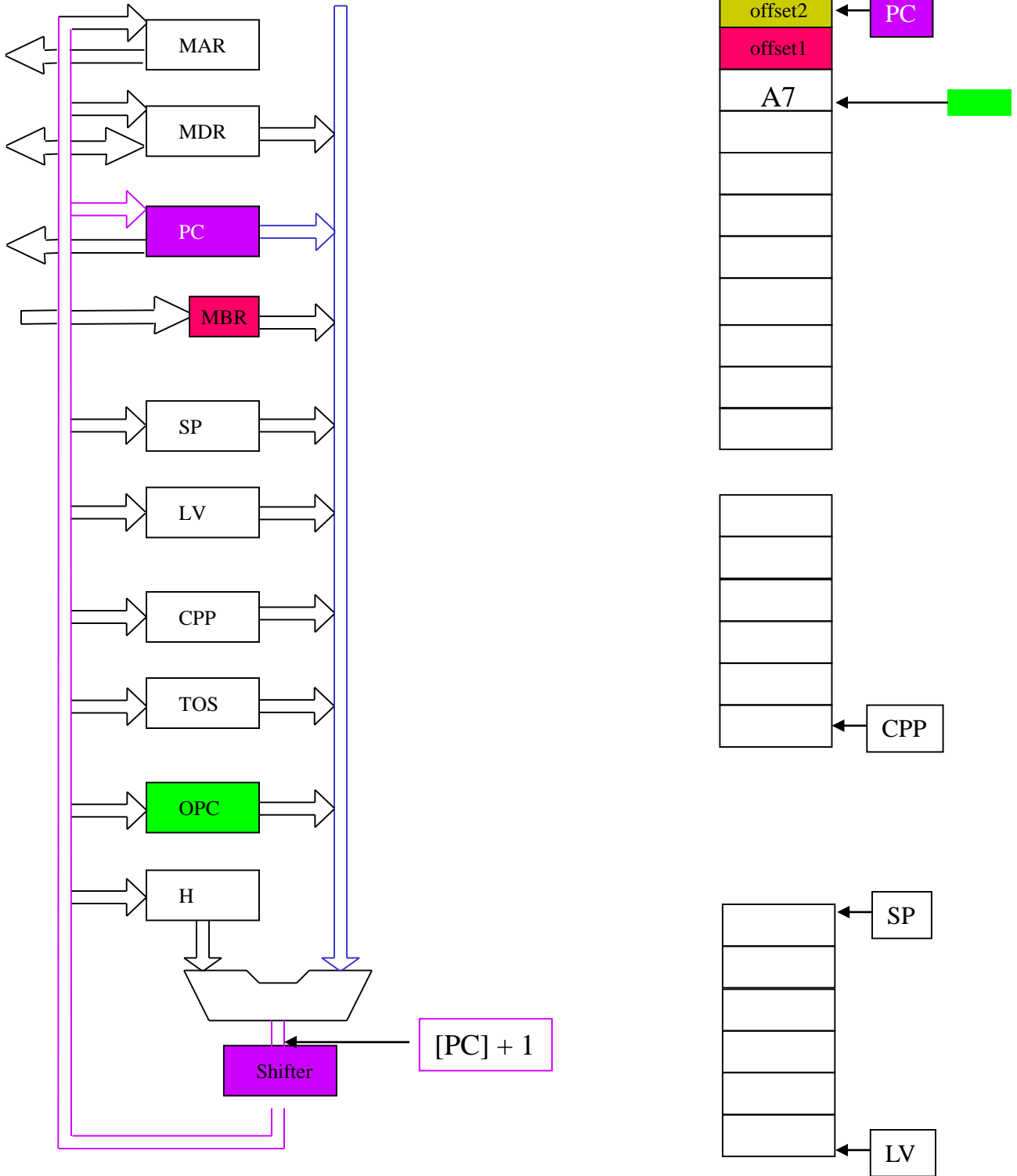
$PC = [PC] + 1; \text{fetch}$

GOTO

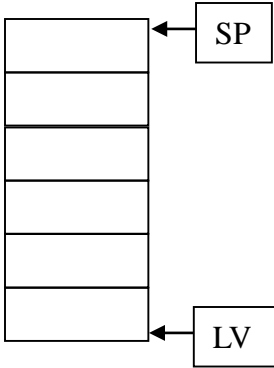
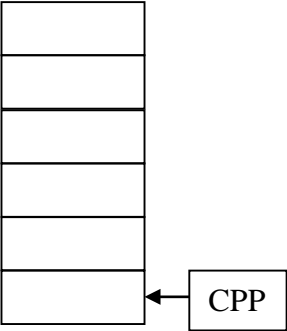
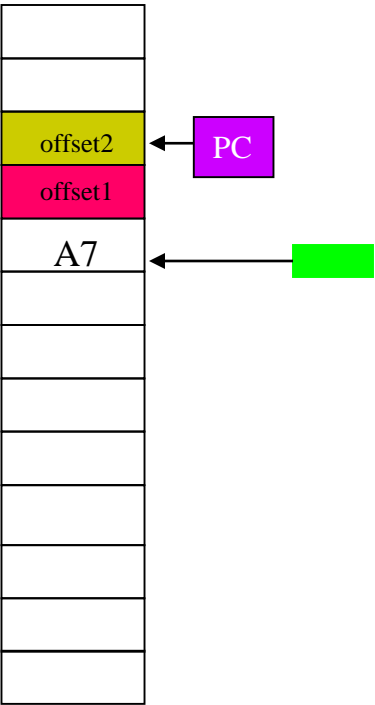
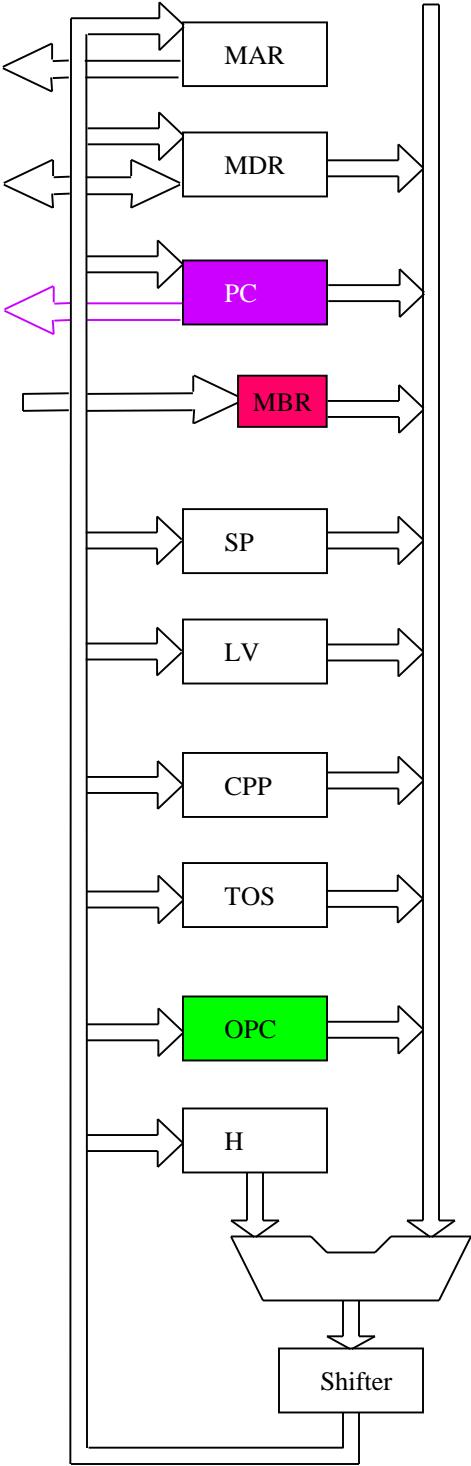


$PC = [PC] + 1$; fetch

GOTO

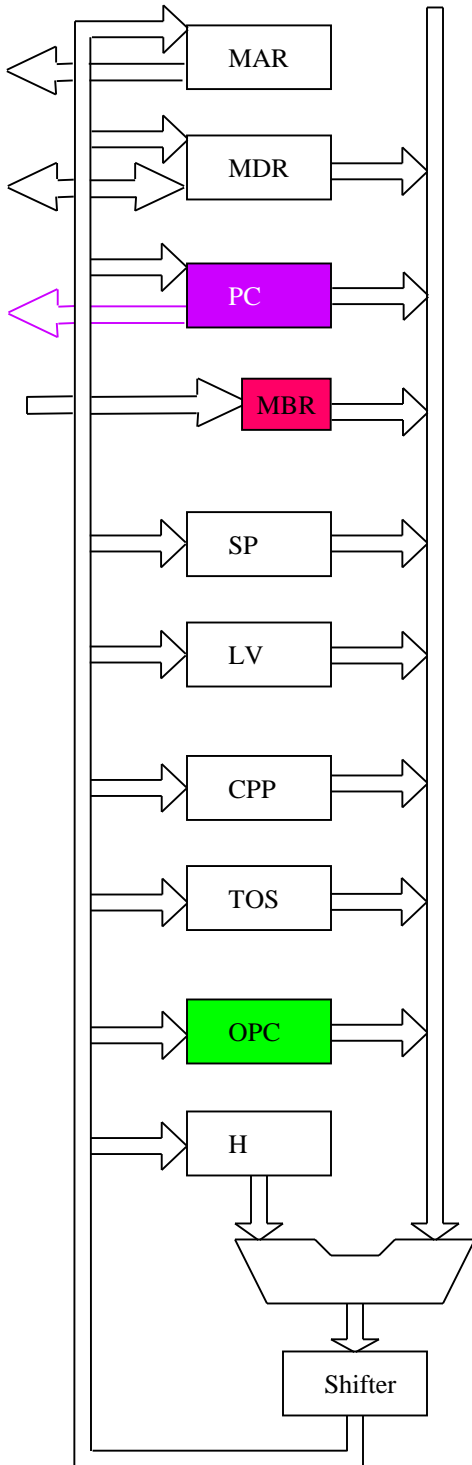


GOTO

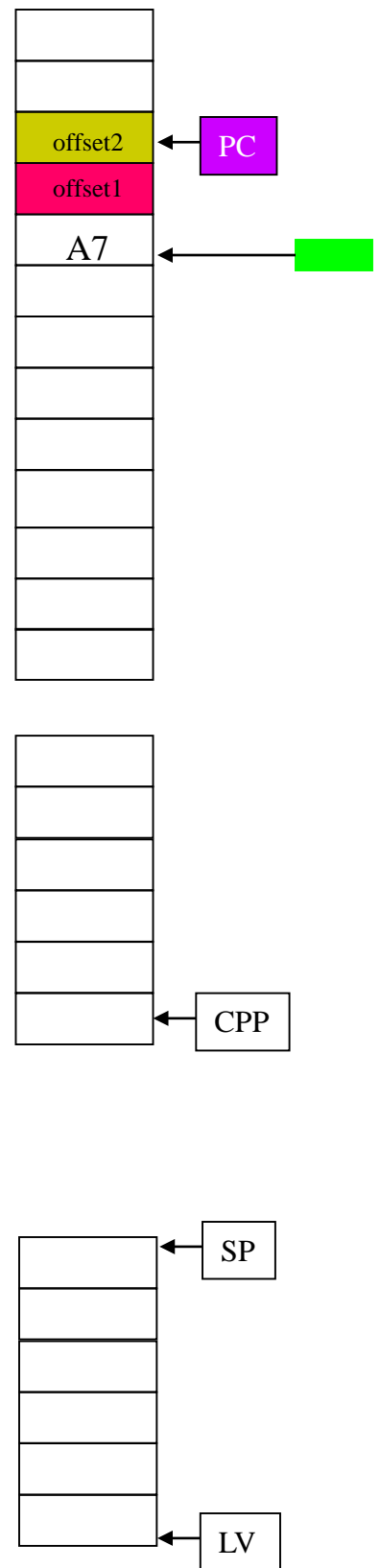


$$PC = [PC] + 1; \text{ fetch}$$

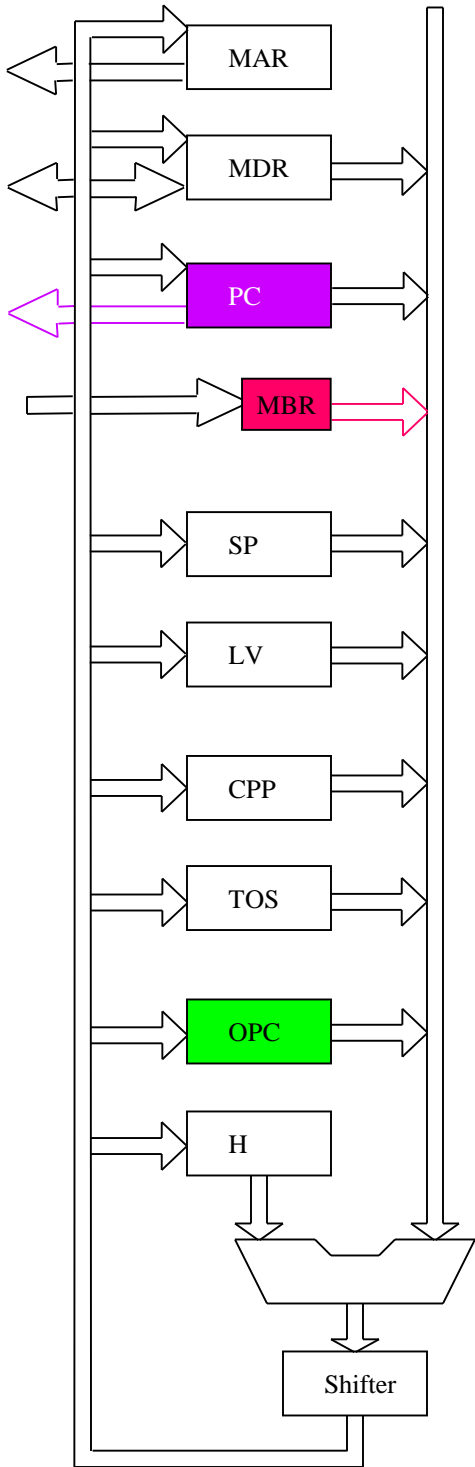
GOTO



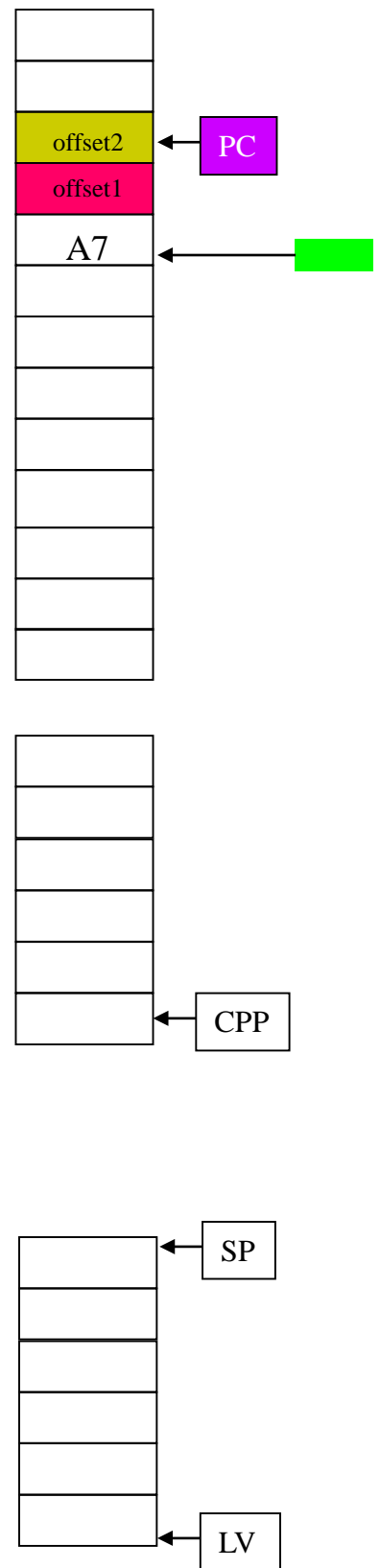
$$H = [MBR]_s \ll 8$$



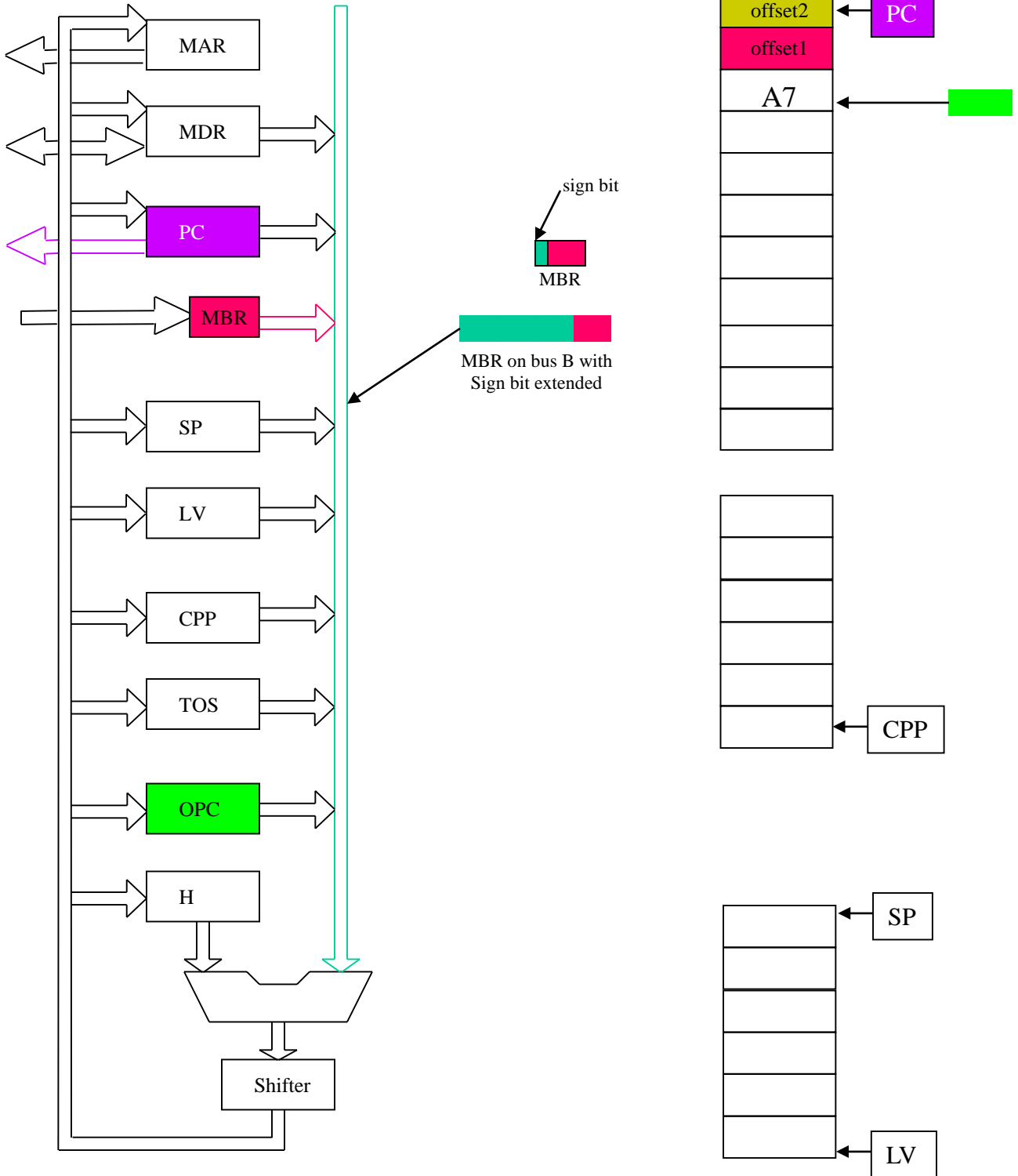
GOTO



$$H = [MBR]_s \ll 8$$

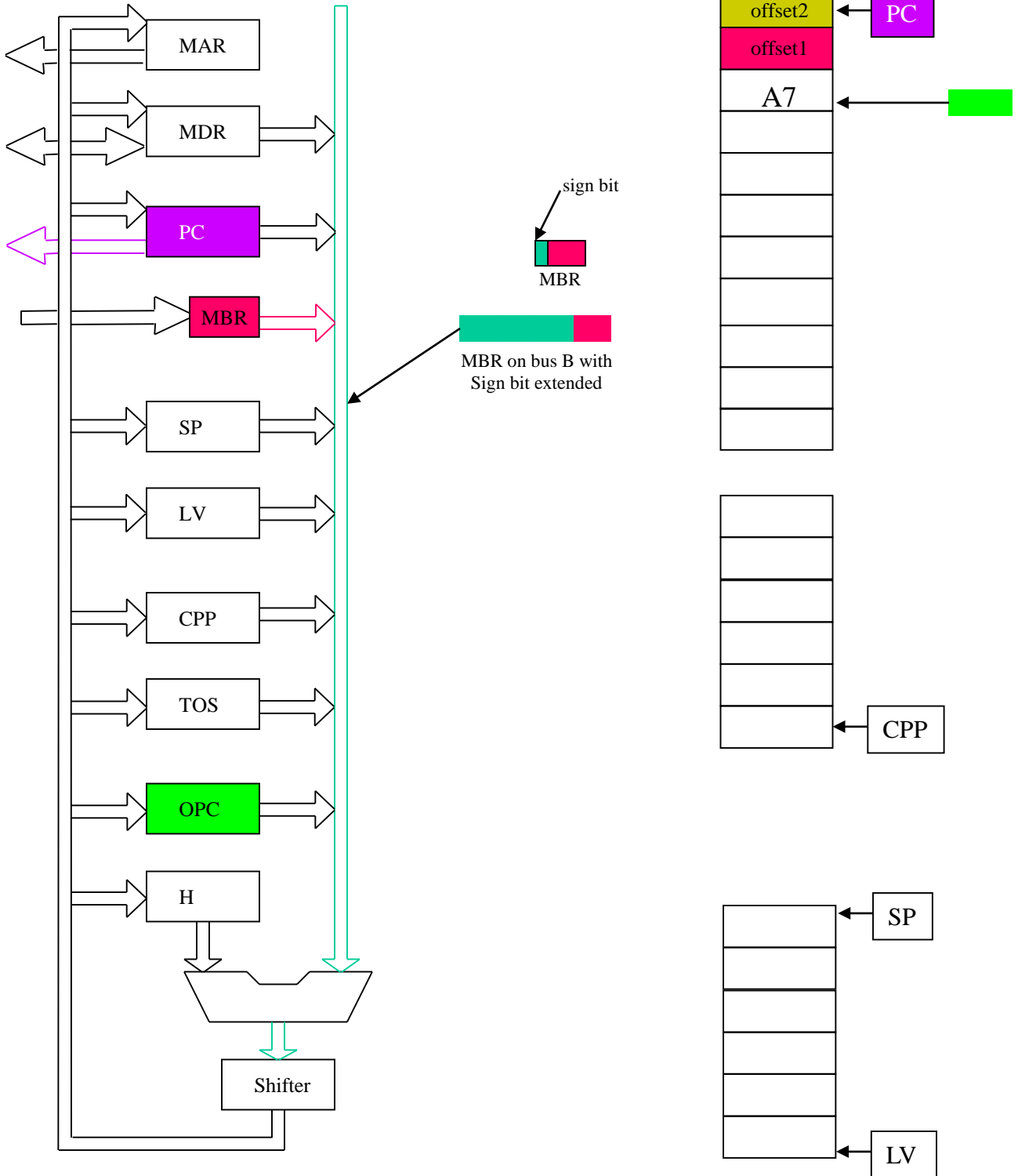


GOTO



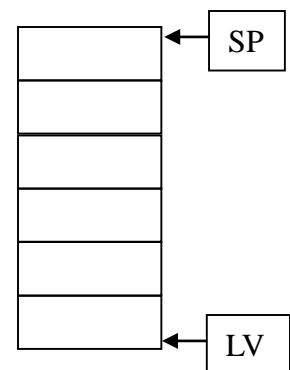
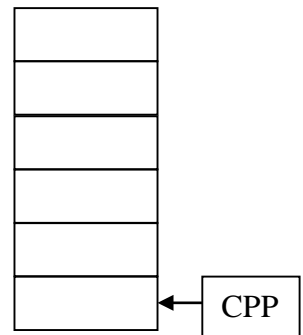
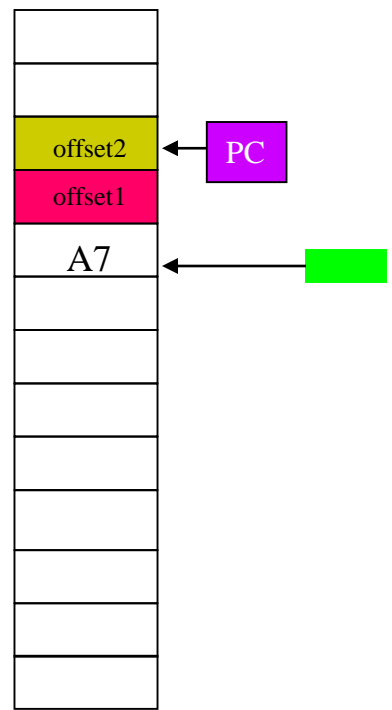
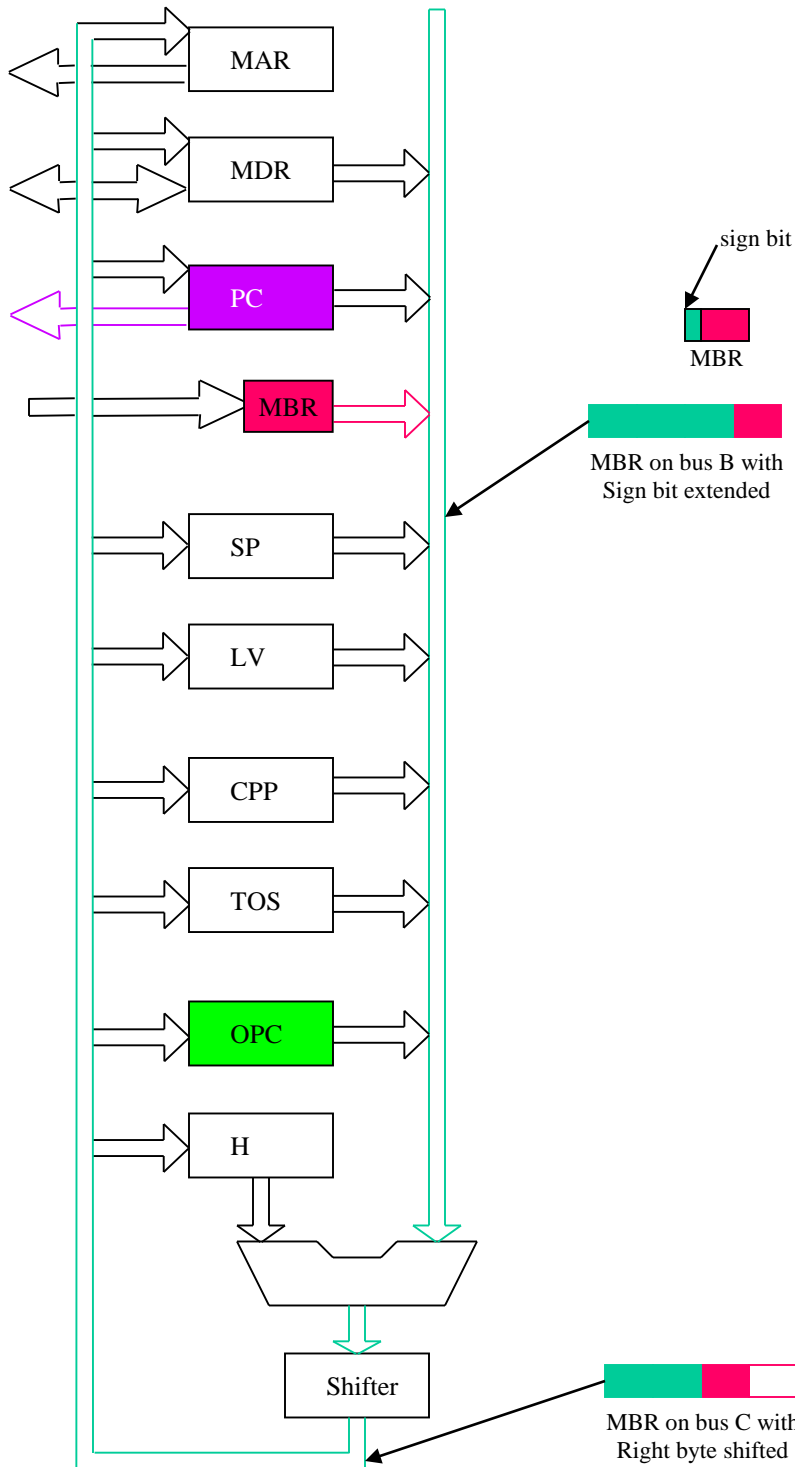
$$H = [MBR]_s \ll 8$$

GOTO



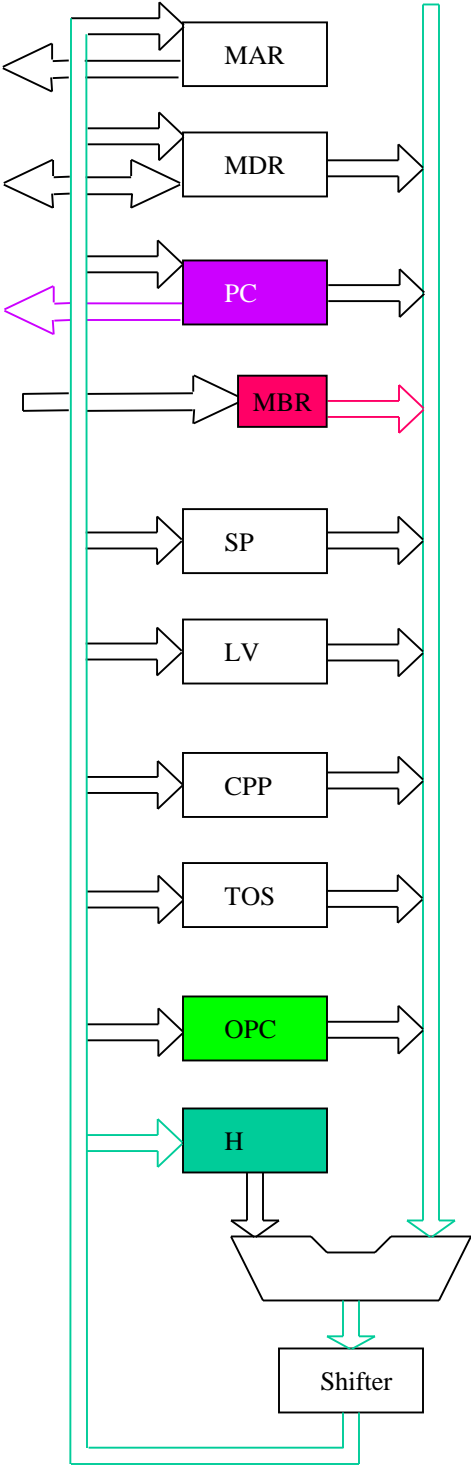
$$H = [MBR]_s \ll 8$$

GOTO



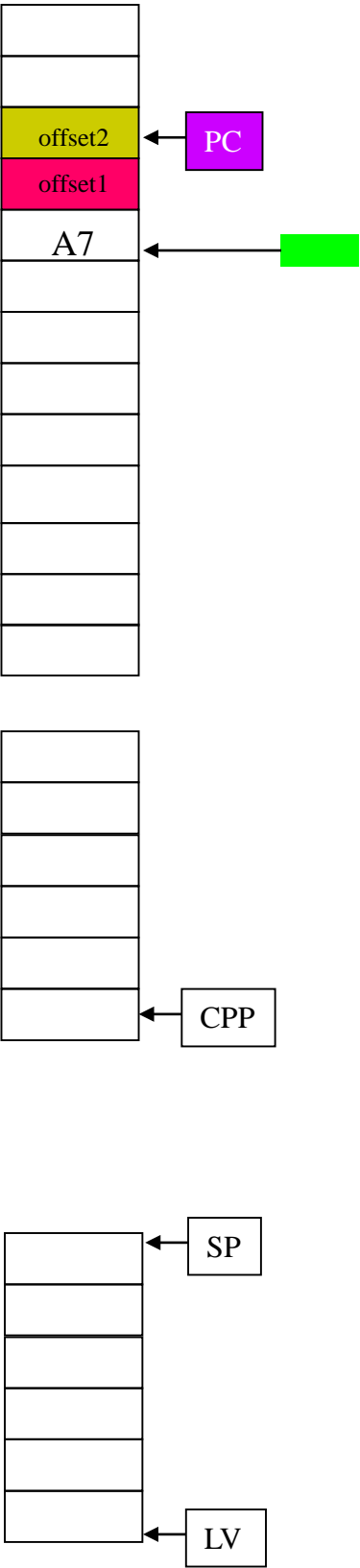
$$H = [\text{MBR}]_S \ll 8$$

GOTO

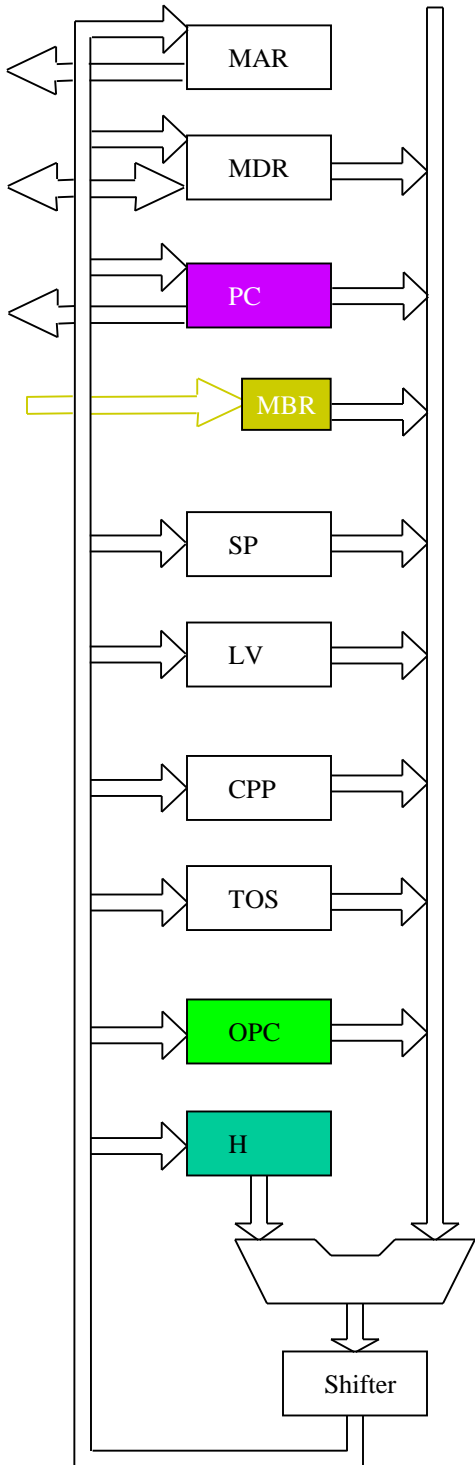


Contents of register H

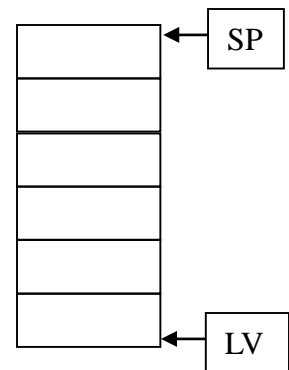
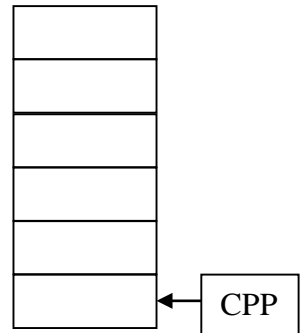
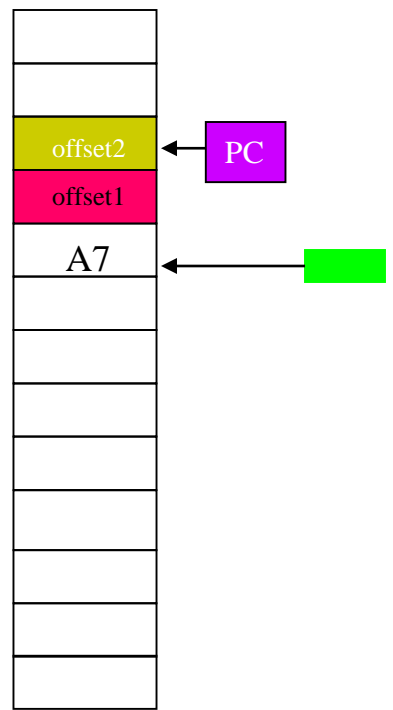
$$H = [MBR]_s \ll 8$$



GOTO



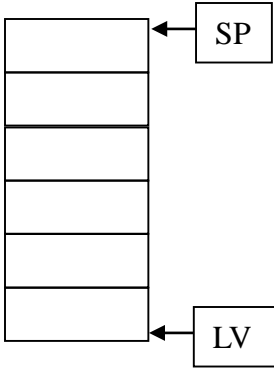
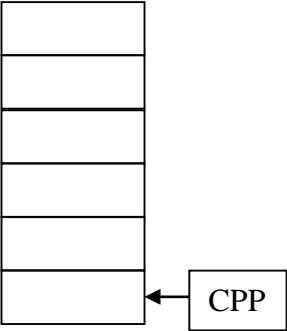
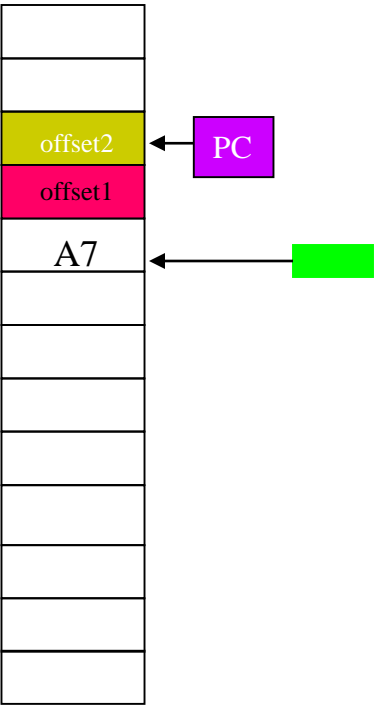
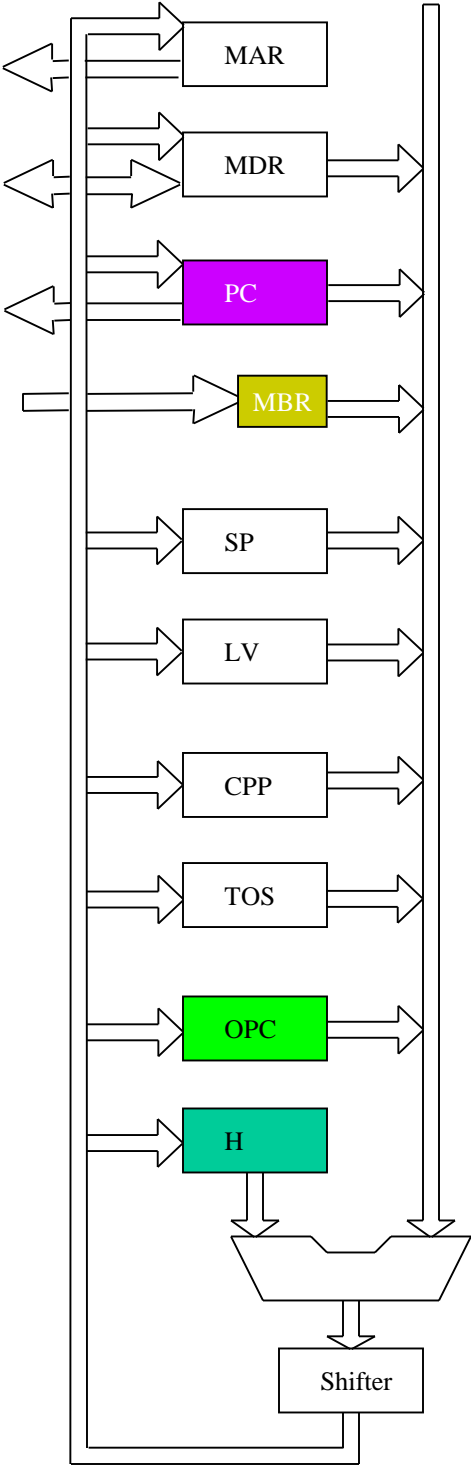
Contents of register H



$$H = [MBR]_s \ll 8$$

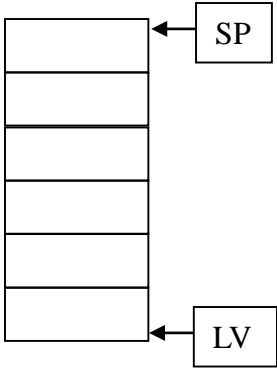
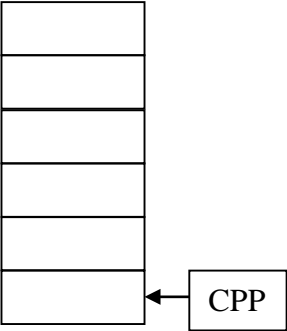
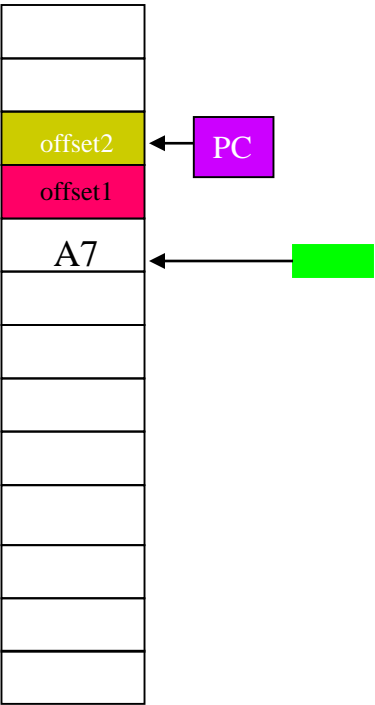
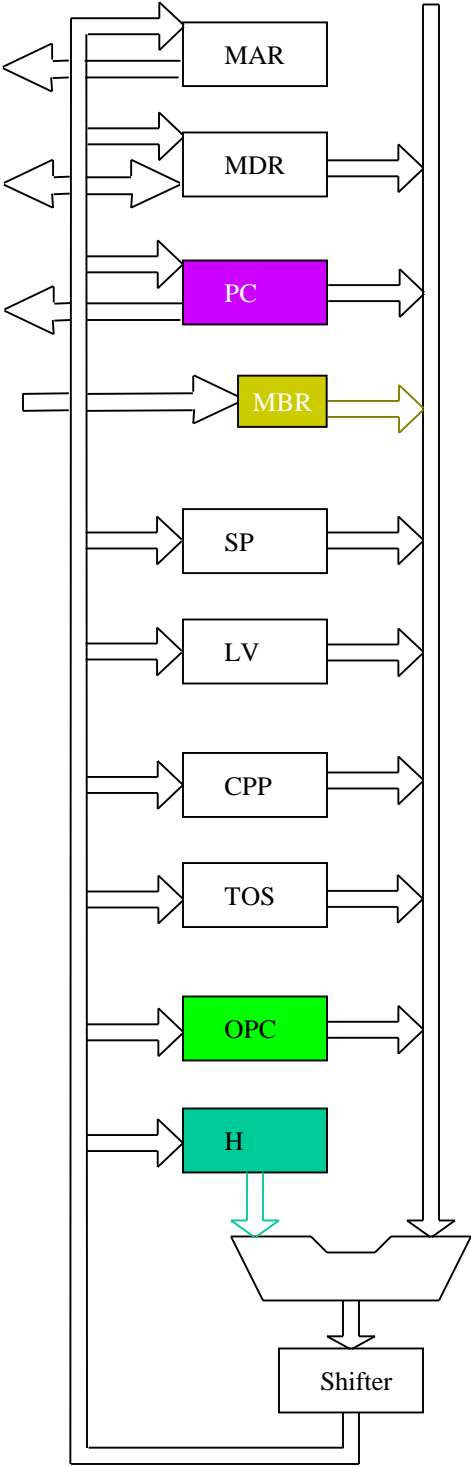
(previous fetch completes)

GOTO



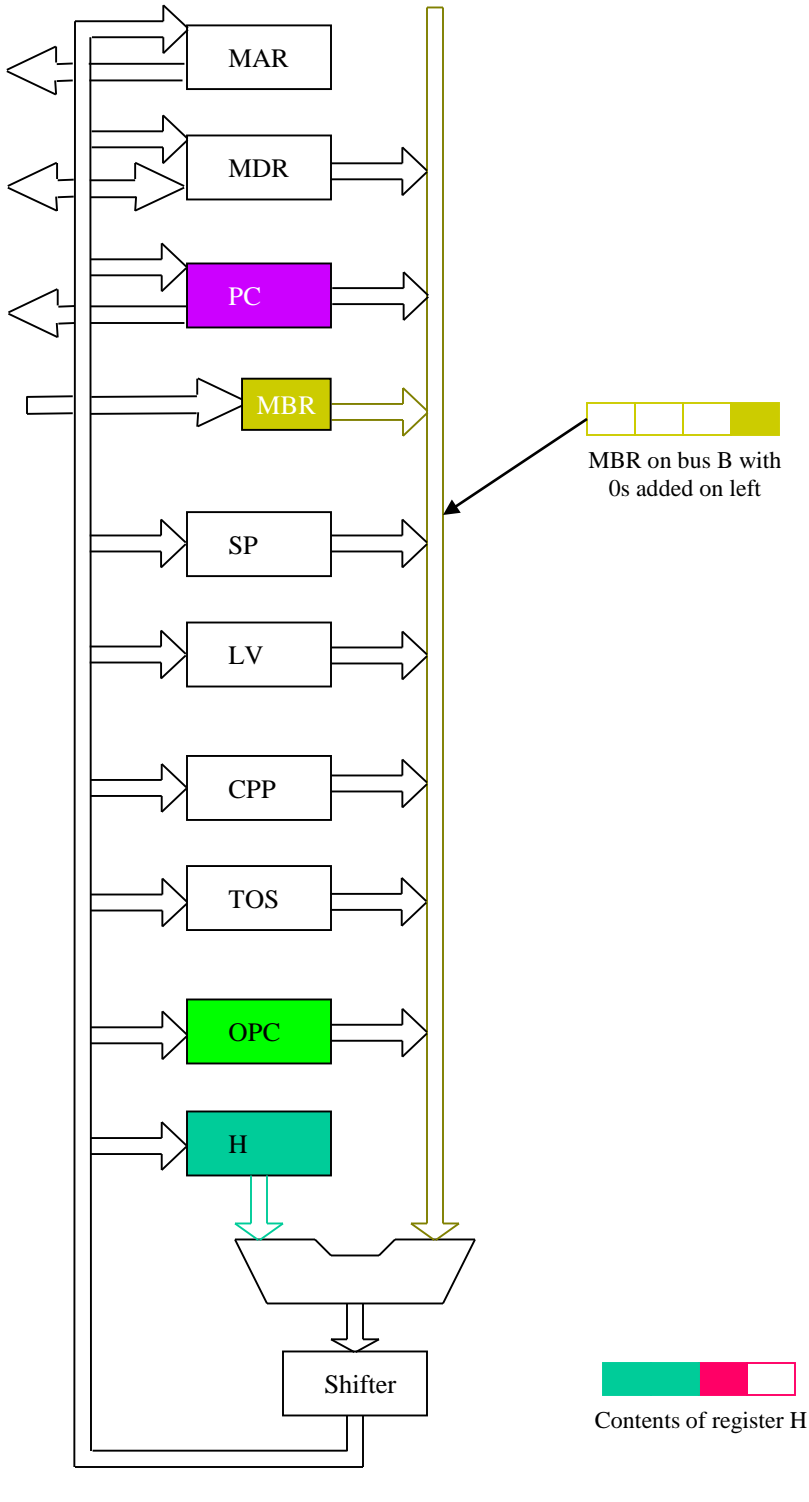
$$H = [H] \text{ OR } [MBR]_U$$

GOTO

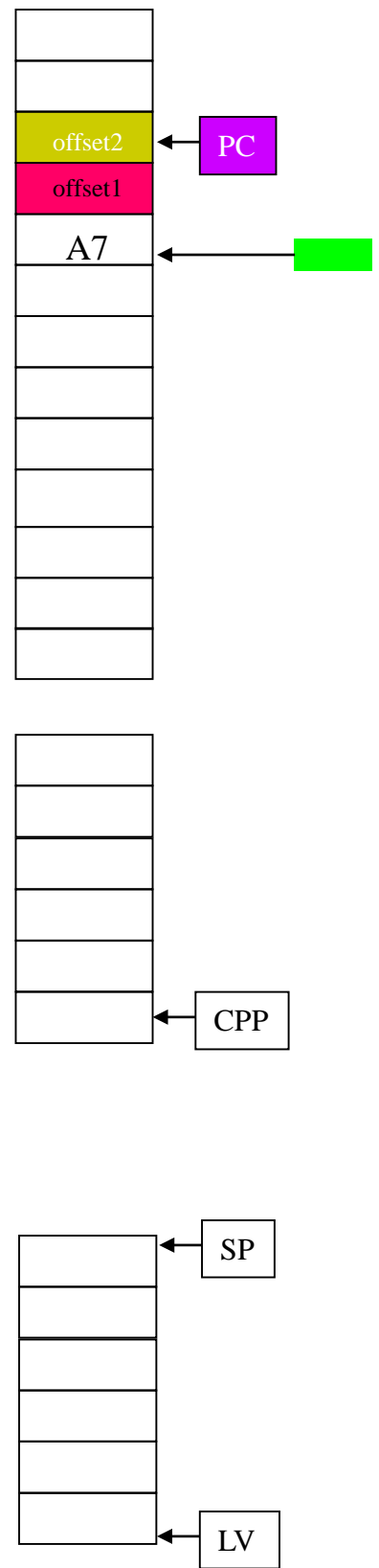


$$H = [H] \text{ OR } [MBR]_U$$

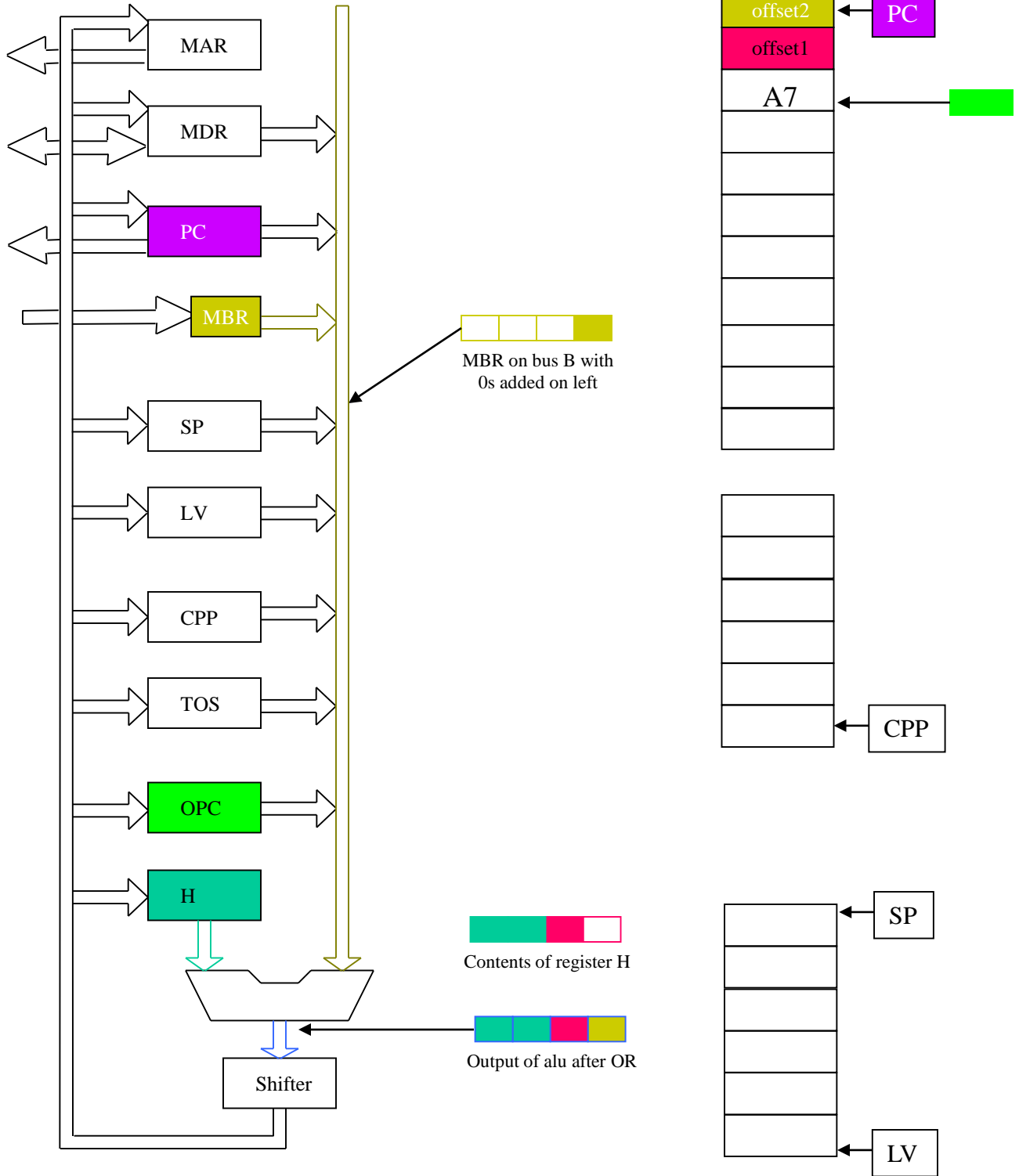
GOTO



$$H = [H] \text{ OR } [MBR]_U$$

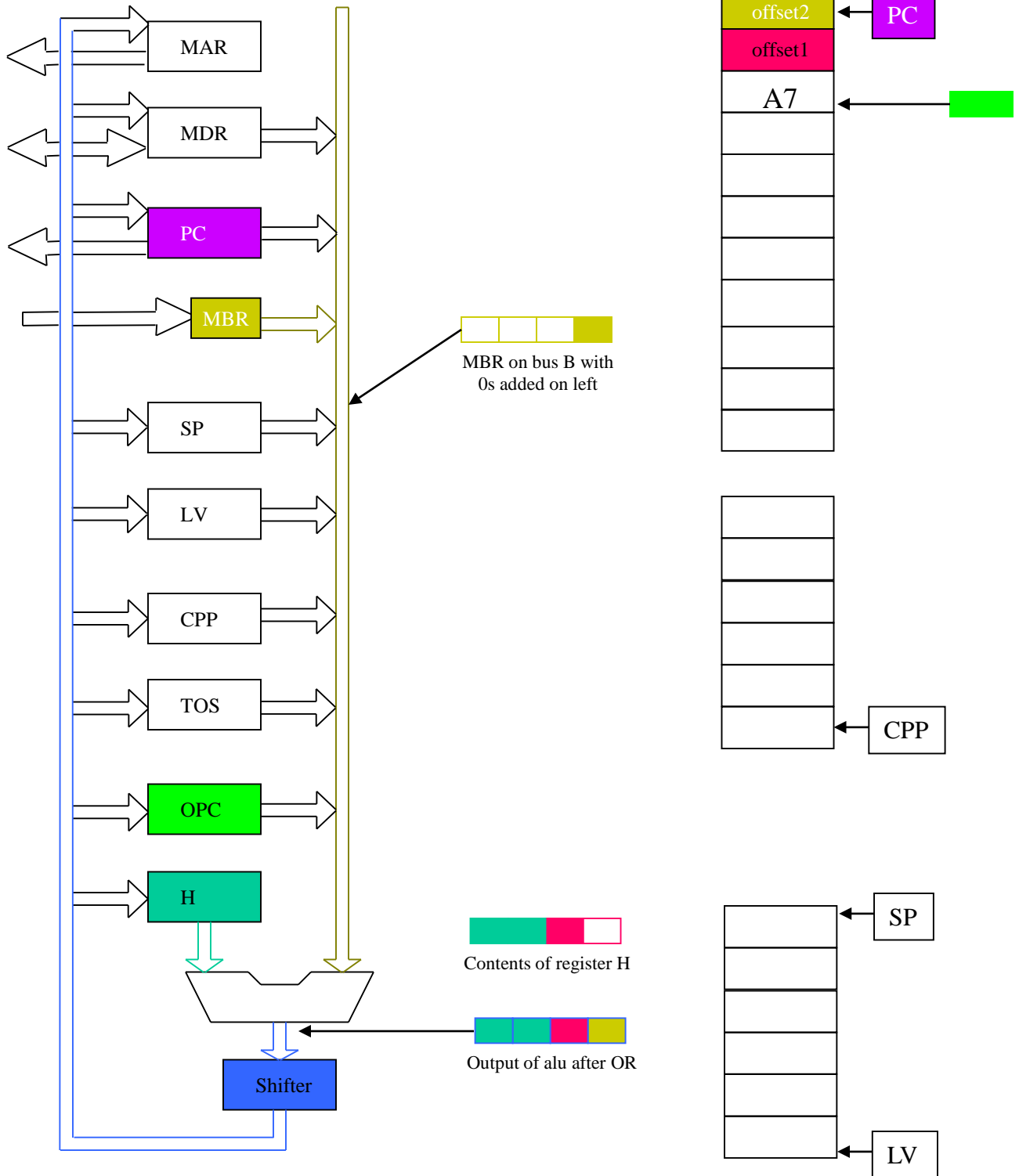


GOTO



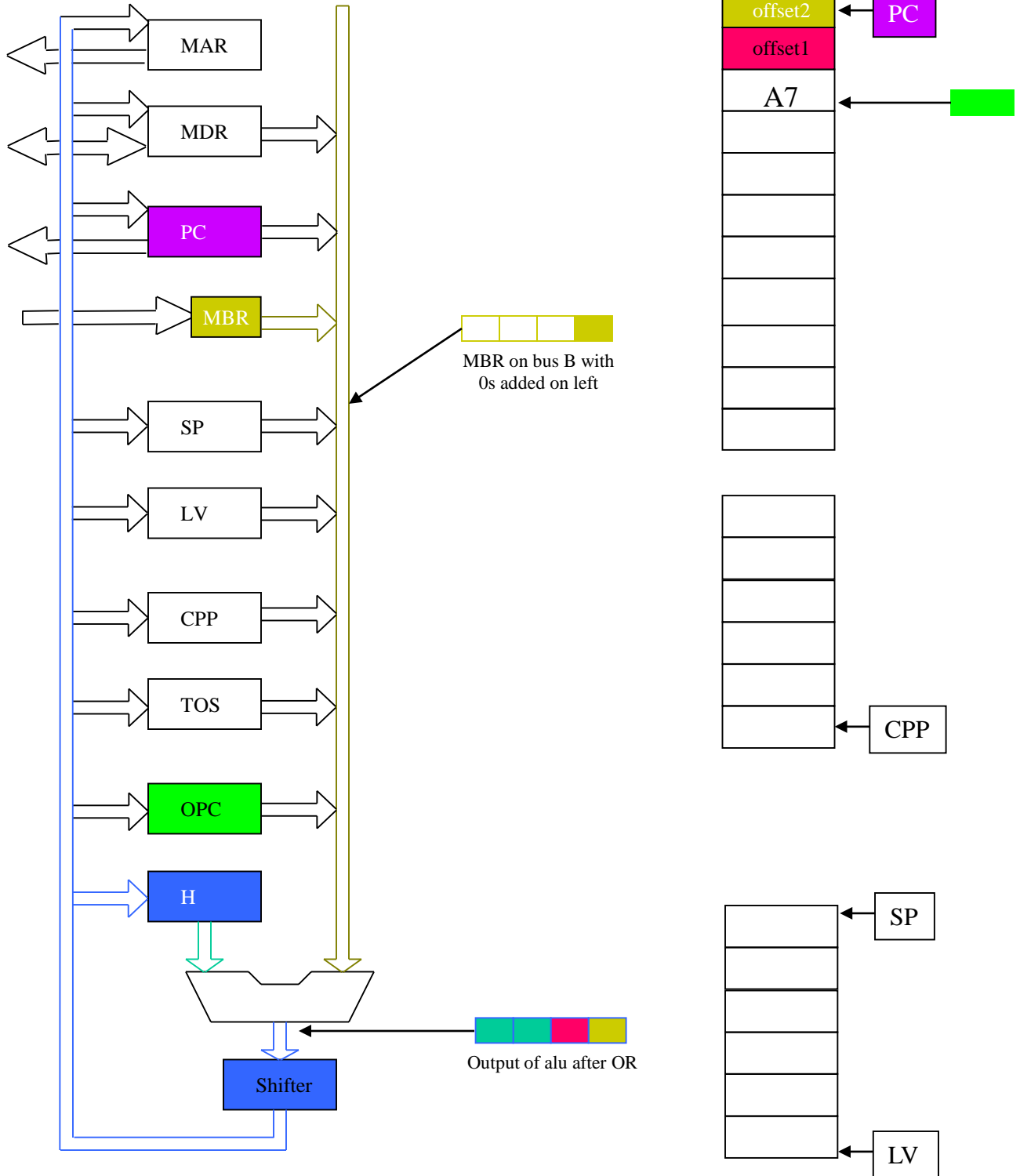
$$H = [H] \text{ OR } [MBR]_U$$

GOTO



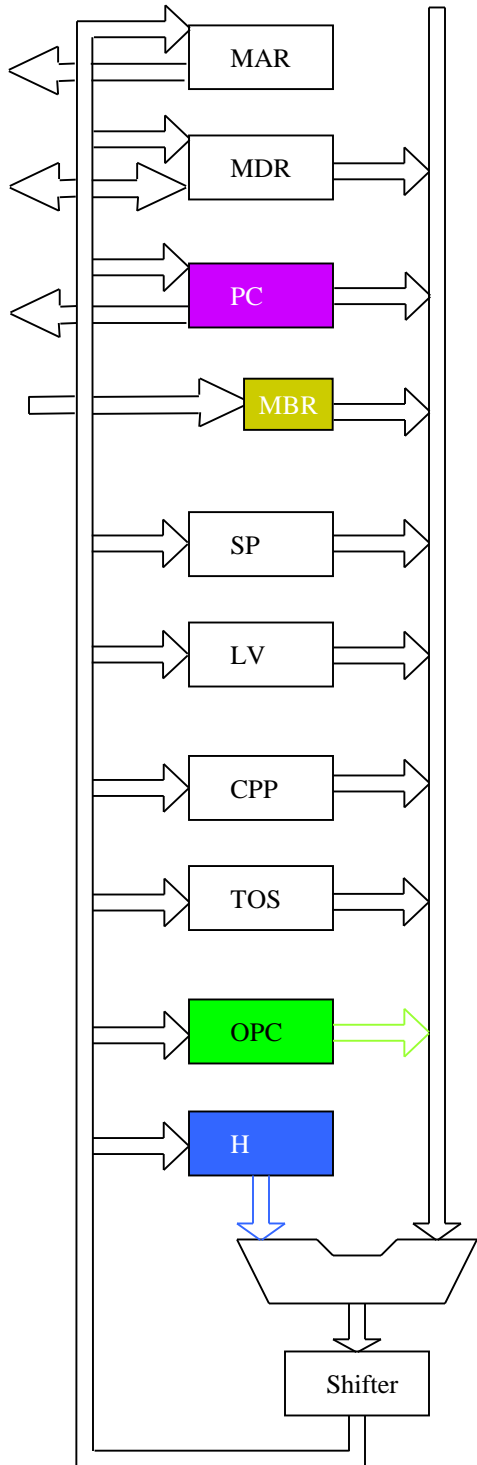
$$H = [H] \text{ OR } [MBR]_U$$

GOTO



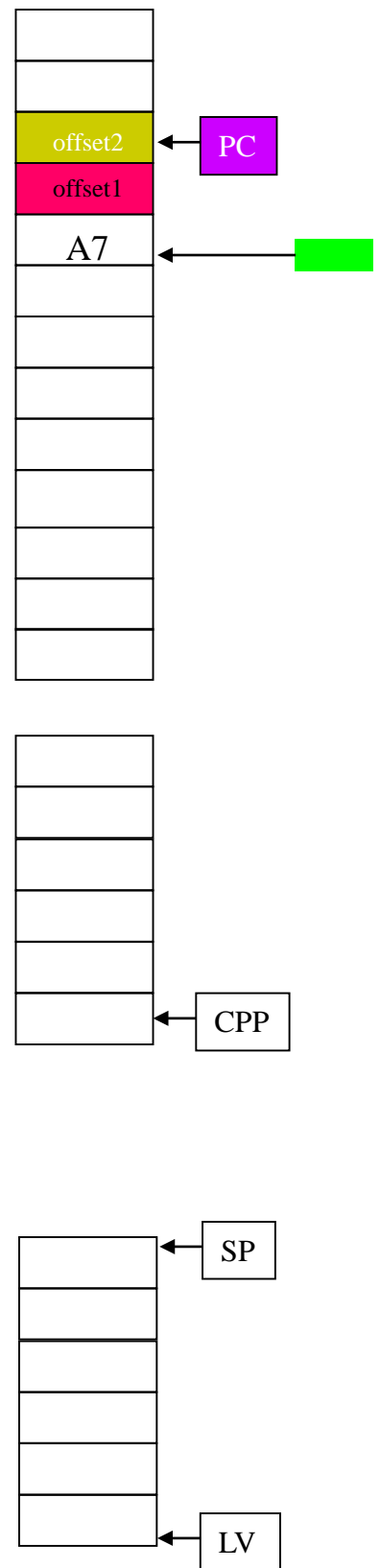
$$H = [H] \text{ OR } [MBR]_U$$

GOTO

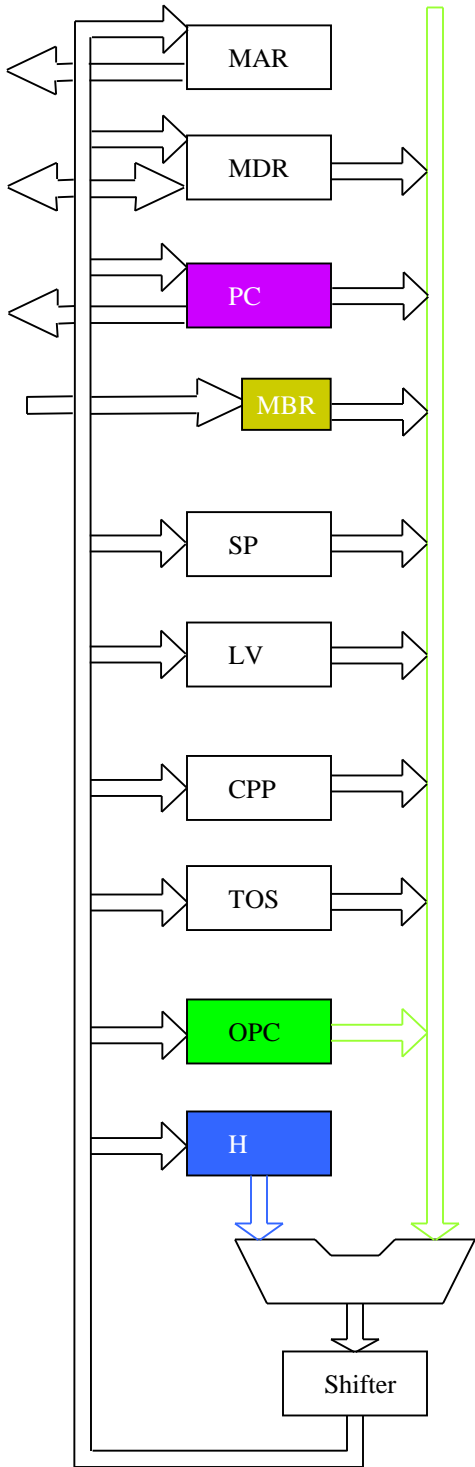


Contents of register H
(has full offset as 16-bit signed value)

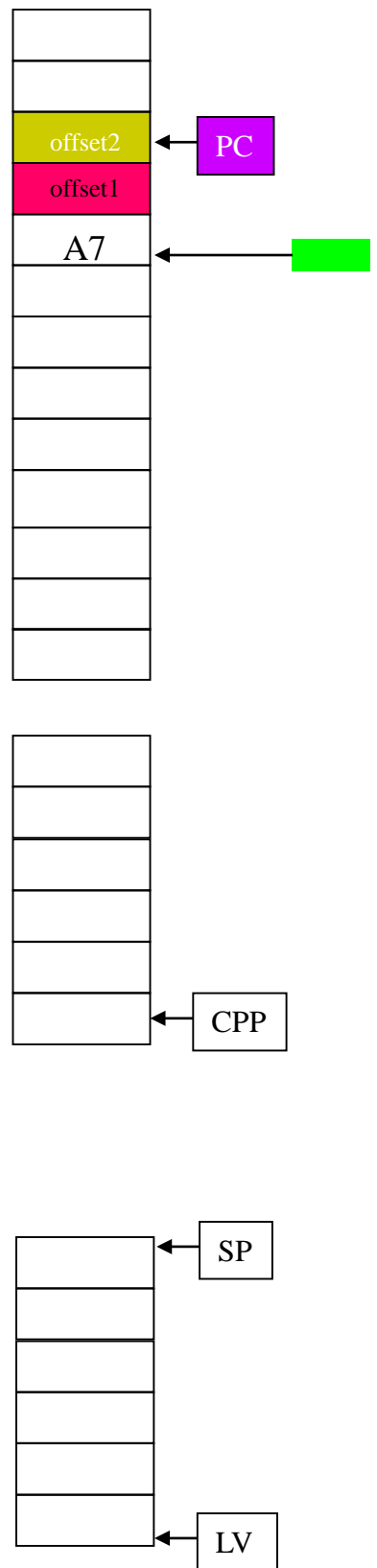
$$PC = [H] + [OPC]; \text{ fetch}$$



GOTO

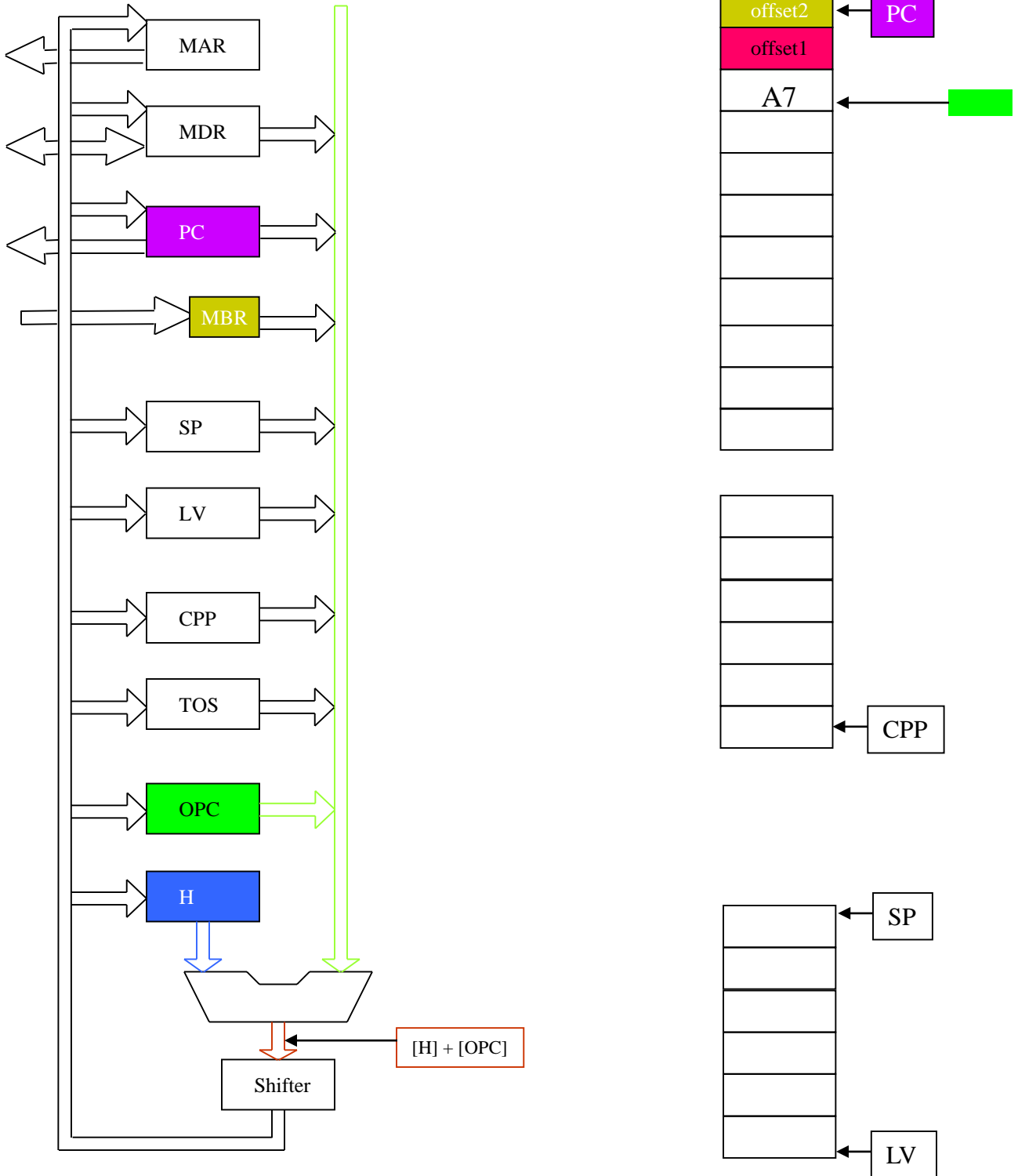


Contents of register H
(has full offset as 16-bit signed value)



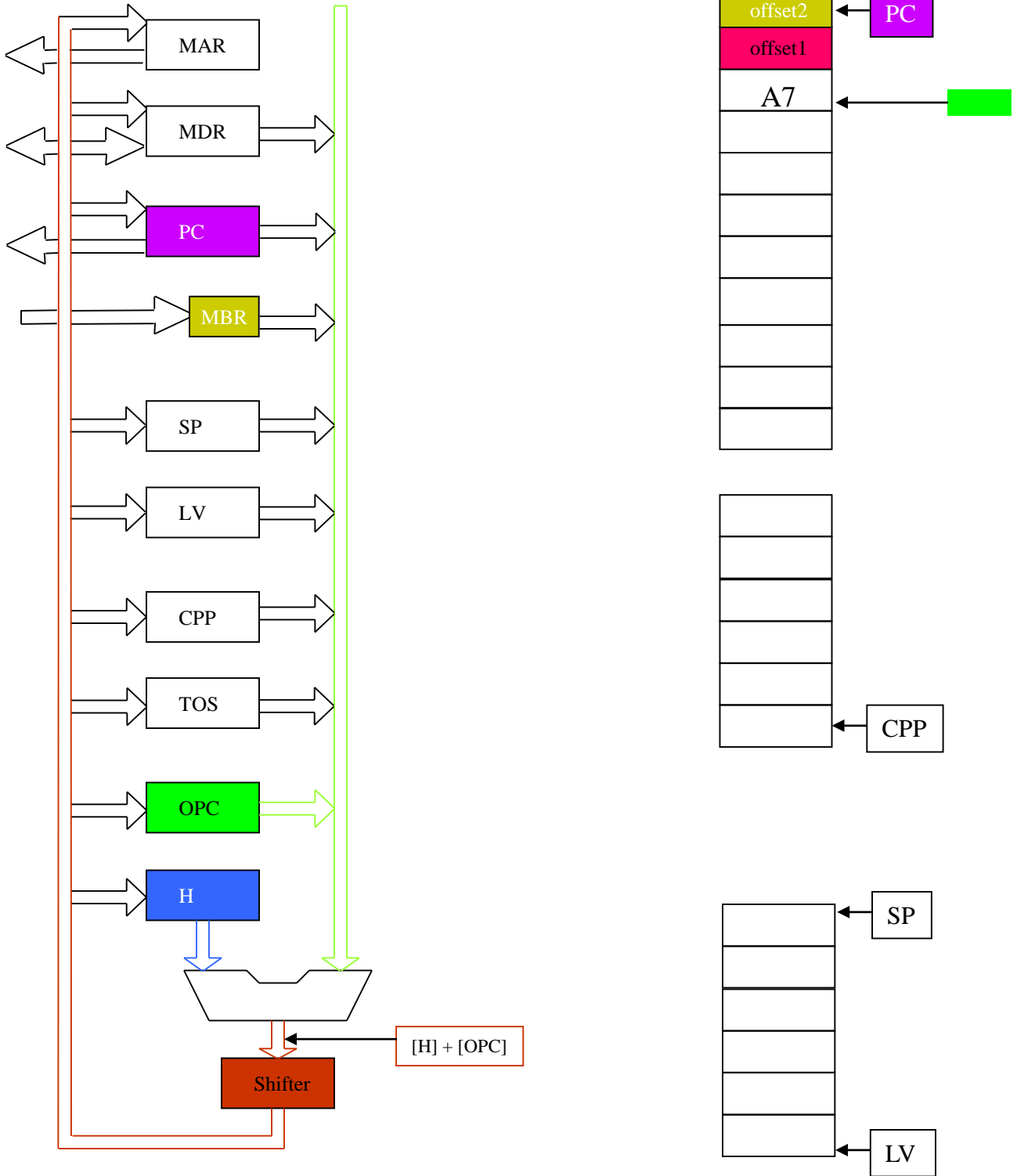
$$PC = [H] + [OPC]; \text{ fetch}$$

GOTO



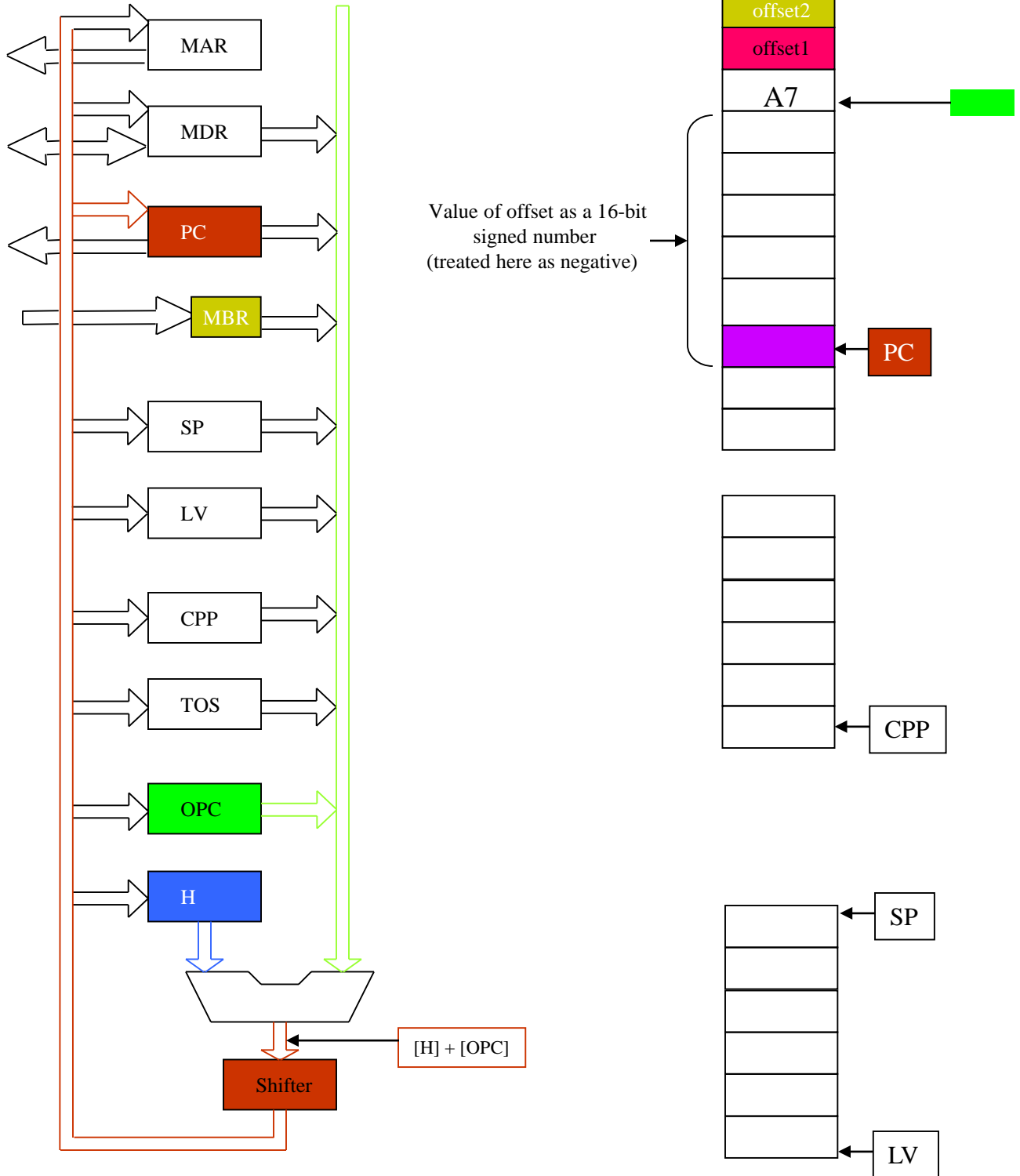
$PC = [H] + [OPC]; \text{fetch}$

GOTO

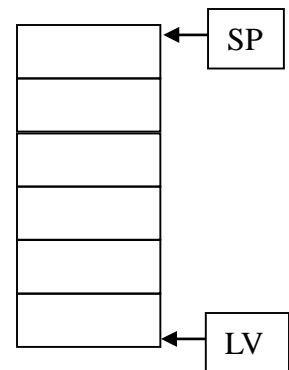
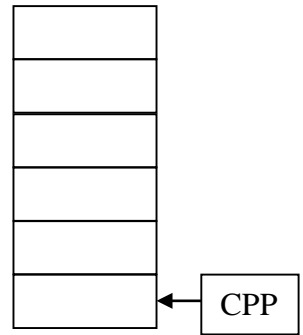
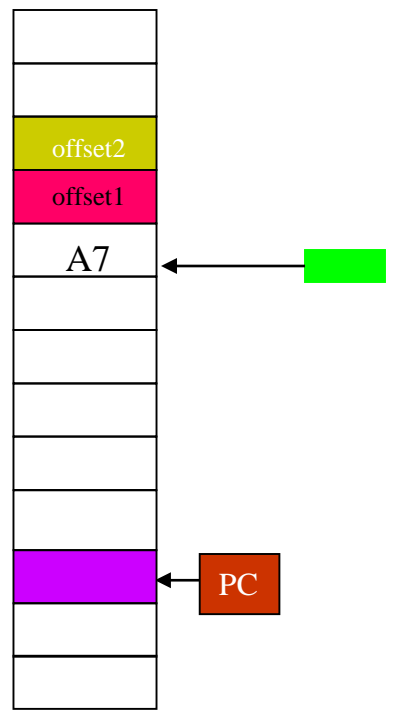
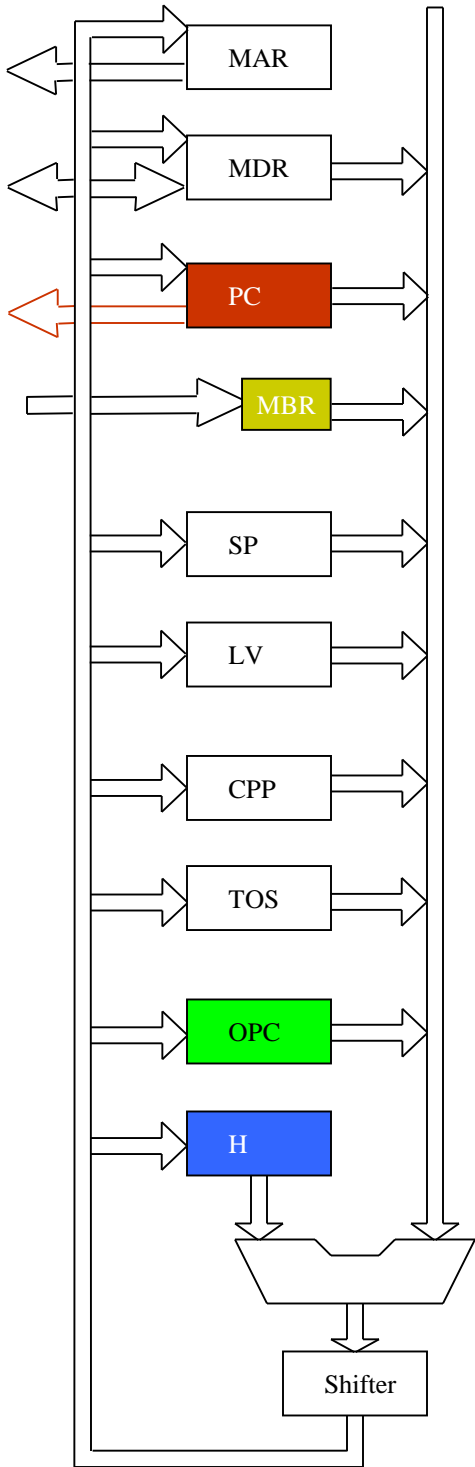


$PC = [H] + [OPC]; \text{fetch}$

GOTO

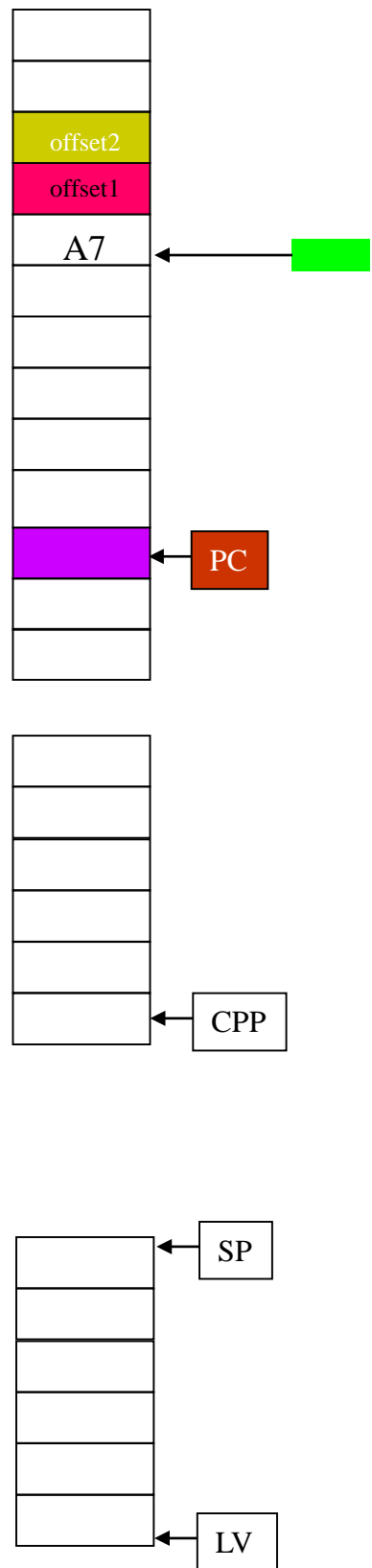


GOTO

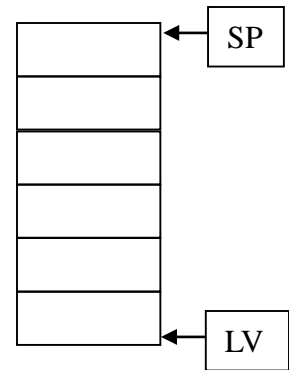
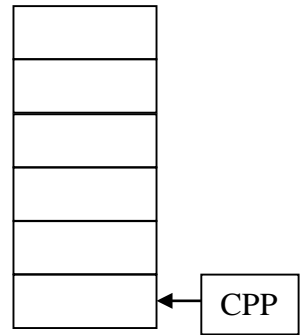
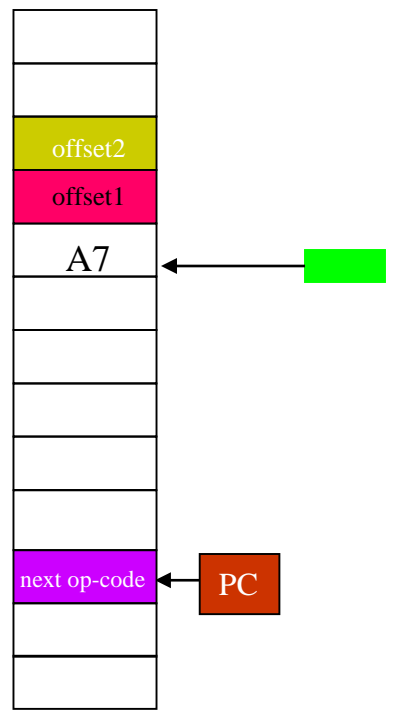
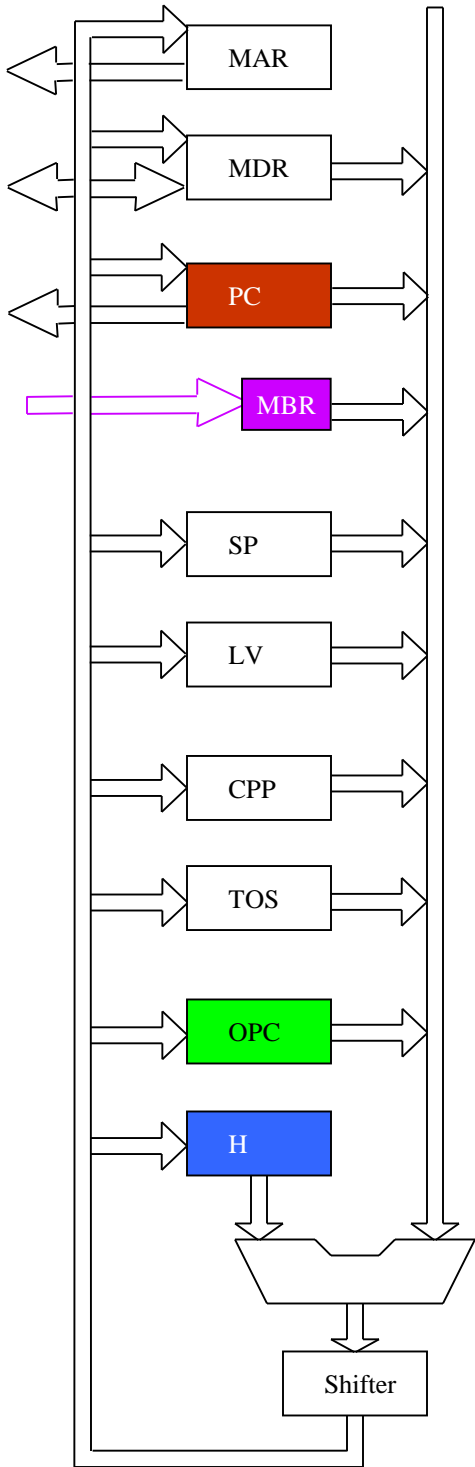


$PC = [H] + [OPC]; \text{fetch}$

wait until end of
next clock cycle



GOTO



previous fetch completes

