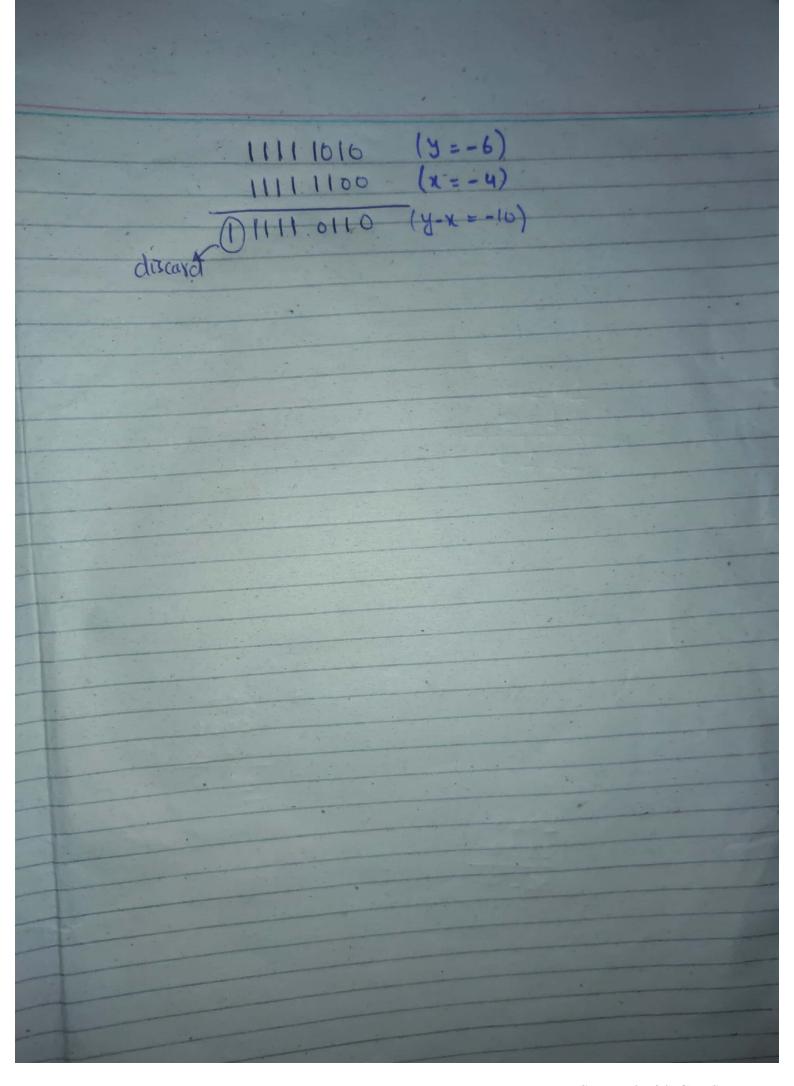
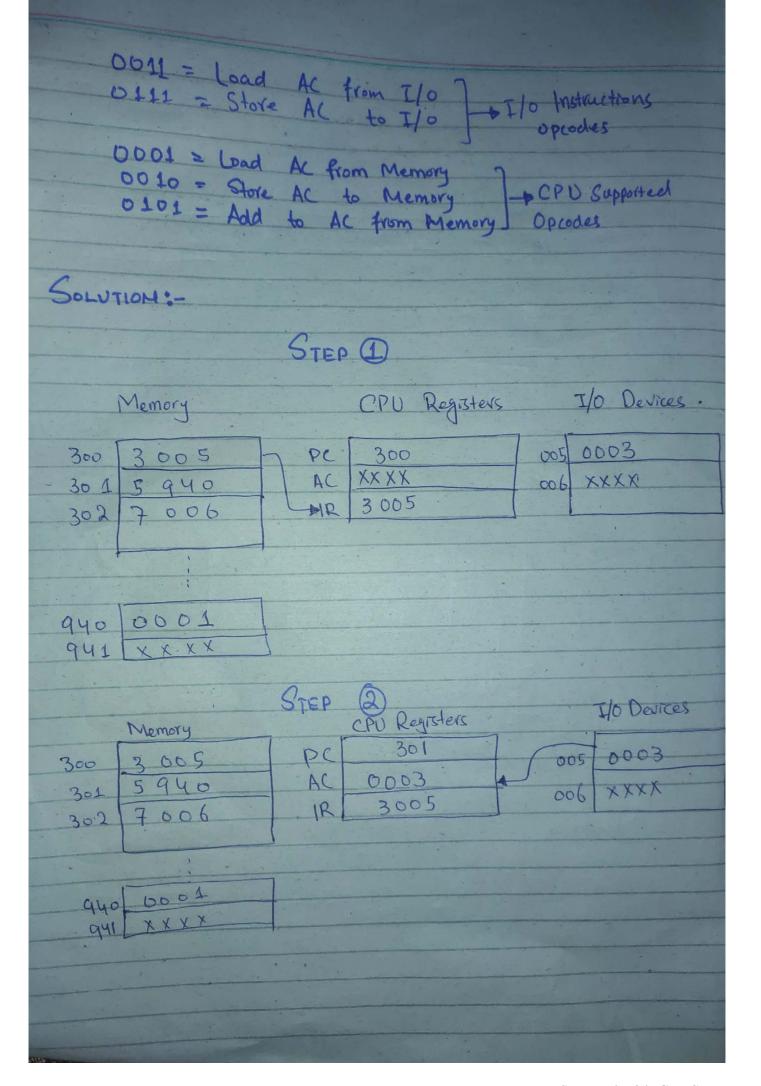
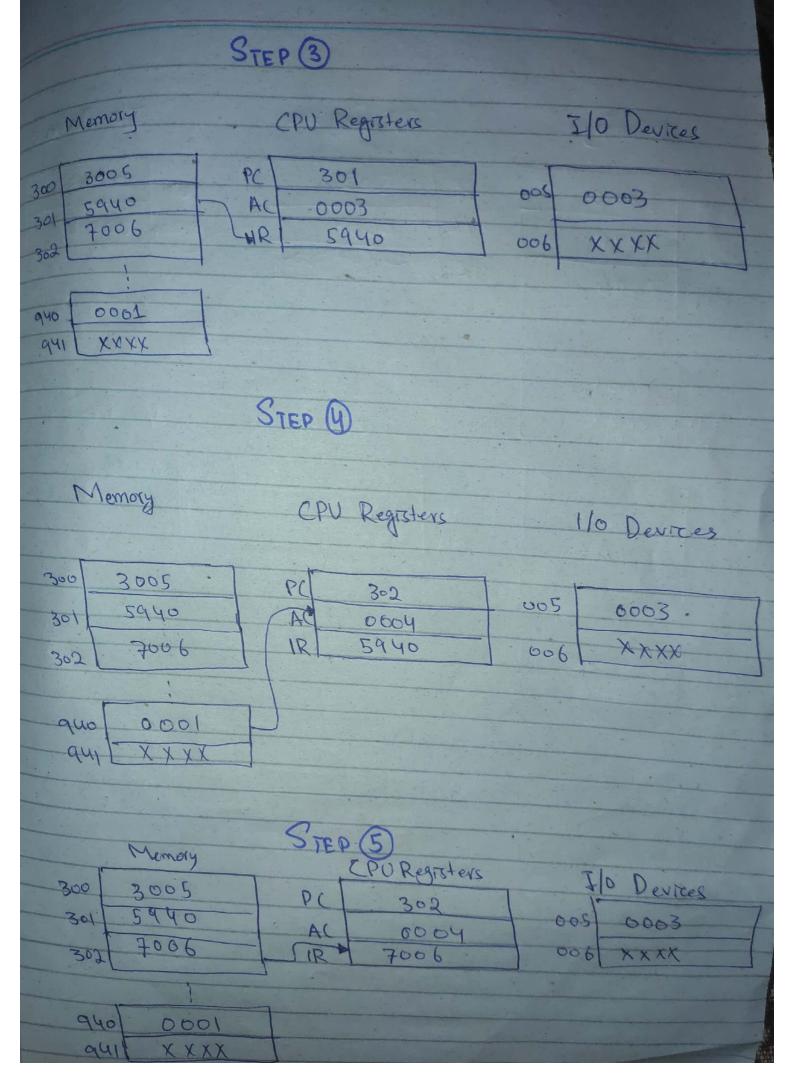
QUESTION No. 1
X = 0100
y = 1010
(i) y+x=?
1010 (4=-6)
0100 (x=4)
1110 (y+x = -2)
(ii) $y - x = ?$
Two's complement of x = 0100
1011
1100
1100 (x=-4)
disorder () 0110 (y-x = +6)
chis and the
The answer is invalid as -6-4 \pm +6.
So, we need more number of bits . to accompadate - 10 in it's range let's
to accompodate - 10 in it's range let's assume that the given numbers are
represented in 8-bit 2's complement

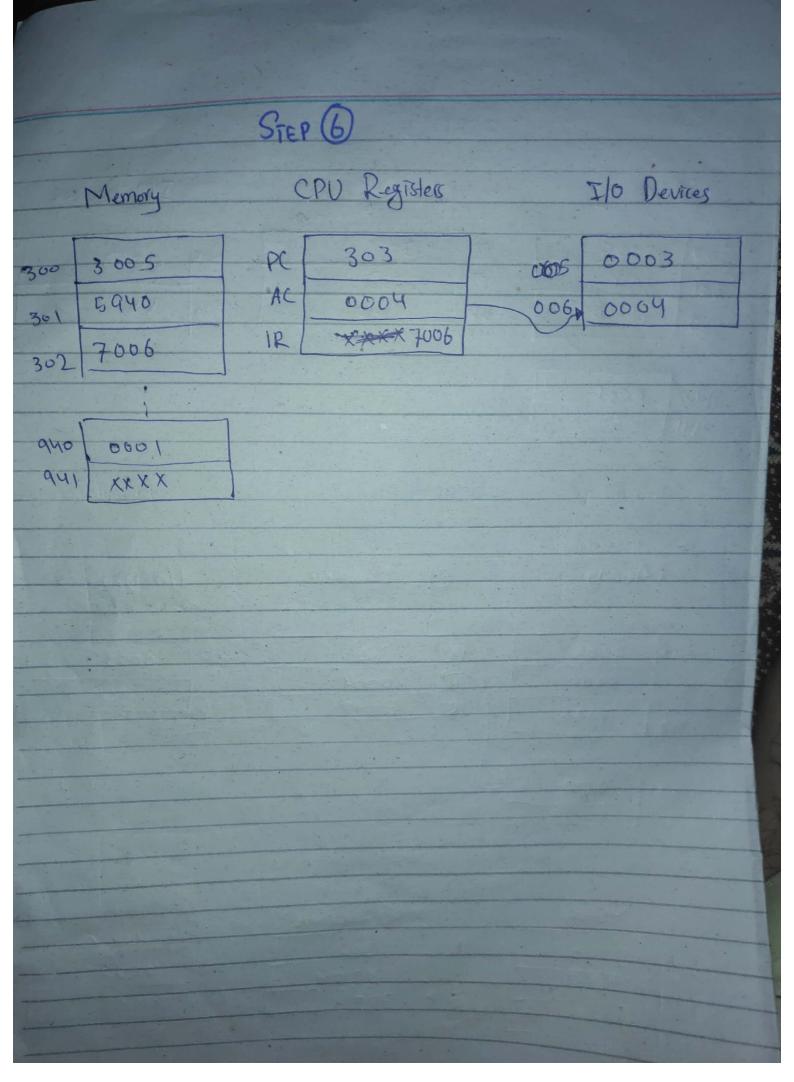


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