

n 16-bit data are stored starting from memory location **loc1**. Write an ALP that will copy selected data in certain positions into memory location **loc2**. The number of data to be copied is stored in **offc**. **offc** can be any value from 2 to n . The value of n is between 10_d to 120_d and is stored in location **cnt1**. The positions of the data that have to be copied are stored from **off1** onwards.

For eg.

cnt1: 7

offc: 4

loc1: 1234h,4567h,1233h,1457h,1abch,6780h,2314h

off1:1,2,5,7

after the ALP is executed loc2 should be as follows

loc2:1234h,4567h,1abch,2314h