Write a assembly code to find the numbers of 1’s in a number and store the result in a register.

mov a, #3fh;

mov r1, #00:

mov b,Ø1h;

mov rø, #Ø8h;

loop:mov r2,a;

anl a,b;

jz loop1:

inc r1;

loopl:mov a, #Ø2h;

mul ab;

mov b,a;

mov a,r2;

djnz rø, loop:

end;

Q3.Write a assembly program to check whether the number stored in a suqueces are palindrome or not by using stack.

mov sp,#60h;

mov r1, #30h;

mov r4, #Ø6h;

mov rø, #ØØh;

loop: mov b,@r1;

push b;

inc r1;

djnz r4, loop;

mov r1, #30h;

mov r4,#Ø6h;

loop1: pop b;

mov a, @r1;

inc r1;

subb a,b;

jz loop3;

inc rø;

loop3: djnz r4, loop1;

end;