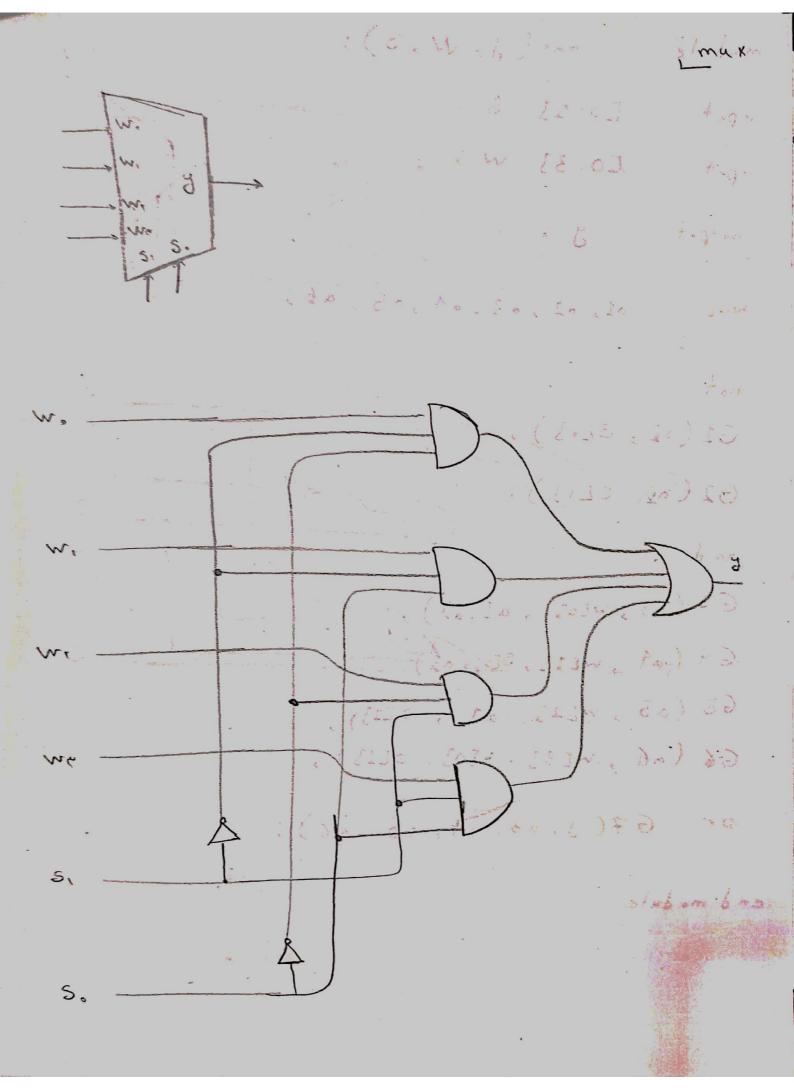
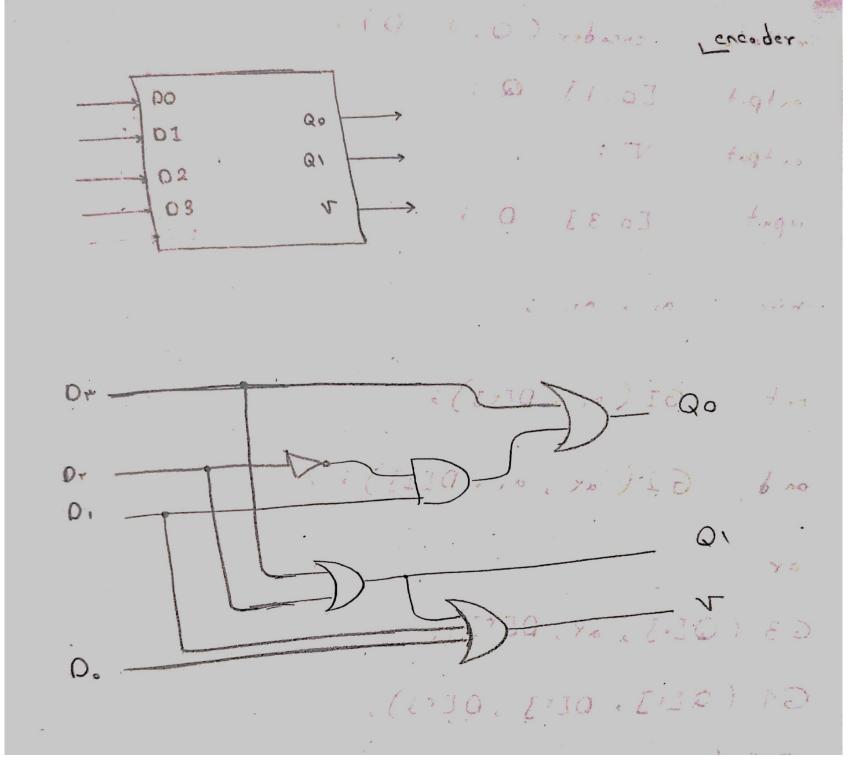


mo de la Secoler (O, Fo, EN) is a on tout [0:3] O; [0:1] I; in put EN ; input wire not GI (a, I [0]). G3 (DEO3, a, a, EN) G4 (DE13, IG), a, EN) G5 (DE13, a. ILI], EN), G6 (DECZ, ILI, EN); end mo bule



Scanned with CamScanner

```
module
            mux (y, W, S);
input
         [0:3] S:
         CO: 3] W;
input
 ontput
           3 ;
         01, 02, 03, 04, 05, 06;
 Wise
 no t
 GI (al, SE-3).
 G2 (ag, SE13):
 63 (a3, weos, a1, a2),
 64 (a4, well, sto], a2),
 65 (a5, W[2], a1, S[1]),
 G6 (a6, WE3], SEO], SEI]);
       67(y, a3, a4, a5, a6);
end module
```



encoder (Q, V, D); mo du le [0:13 output on tout input [o:3] 5 GI (ac , DEKS); 62 (ax, a); (D[1]); 63 (Q[.], ar, D[+]), G4 (Q[i], D[r], O[r]), G5 (V, D[-3, D[1], Q[1]); end module