papergrid Date; / / Linear queul LAB3 1) Hundlude (stario. h) Holpine gesize 5 und with growt =-1, real =-1, q [10]. word wisself - rear() if (rear = grize -1) peint ("quem overfrow \n").

retain; Real = Real+1; int delete gout () C front 7 seas relien g E front ++]; of (front > real think I" guene empty In"); for (i= front; i = seas; i++ y y- y-ering (".1.d In"; 9 [ii]

Date: / /

print ("\n | insertreas \n 2 . welltyrout \n 3. peint (" enter the choice \n"); nocomp ("./.d", & choice); was ! print ("enter the item to be sincerted ") reconf ("1.d", & item); ilen=delete_pont(); uf (ulter ==-1)
plints ("empty queue\n");

papergrid Date: / / 2) circular Quelle Hunclude (stdio.h) # wirclude (stal'b.h) # weefine 9-size 5 unt item, point =0, seas =if (count == q_eizc) peints ("queul underflow \"). Real = (Real +1) 1. g-size, g [reas] = ulem; unt delite front () of (fount = = 0 front = (front +1) 1. 9 size; sprint (" Juene

papergrid Date: / / End of operation "

f=front; printy ("contents of the Queue In"); for (i = 1; ic=count ", i++) sperinty ("1.din", g [f]); 1 = (f+1):1.q.xize; unt choice ; grint (in 1. ensert Ray n 2. delete front In 3. diploy \n4. exit \n"); Acang ("-1.d", & choice switch (choice) case 1: prints ("enter the item to be inserted in"). scanf ("Id", & item); consect_real(); case 2: ilan=delete-front(); cy (item = = -1)

printy ('n enpty Queue "); print ("ilem, deleted 1d In"; item) Cases.