PRACTICE PROGRAM- MULTIPLE PROPRETY SUTH A. Practice Program: -Simulate the norking of a multiple priorityquene. (DE: Hinclude (stdio.h) #include Cstdib> #define Nº ? IN grewe C37W7: int front [37 = 20,0,03; int rear (3)= 2-1,-1,-13; in item, pri void maine int h; while (1) printf ("PRIDRITY QUEUE IN"). printf(" Intt 1: PQ insert(")" printf-(" Int 2: he delete ini), prohite 11 Int 3: Po display 10'9' print-f("1) 1-4: Exit 1"). printf("In t 4: Exitin"), printf(" nenter the dioid in"), Scenflulod", fch) Switch (ch/ case 1: printf ("In Enter the priority number hi"); 1 s conf ("96d", &pv) 5 f (pr >0 lfp/29). 9 it (pr>0 (fore4) pginsert(pr-1); else.

printf("/waeid); greale? case 2: padeletel); break; case 3: display(); break; case q: exit(0); pginsert (int pr) if (rear Cpr7==N-1) prohtf/"/rieneue overfoul"). else pinitf ("Enter the item \n') scarlingod", tilens vear [pr]++; quevelfr7[rear [pr]] = item; padelete() for Cirtizoiic3; itt) printf(liqueure 1s empty 11),

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(AB PROCEROS ORACTICO CARLO O. WAS to simulate ascending breing Finelude L Stollib. b) # dephe 155 spid incot() G if (r==ps-1) print [" duere orefler"]. g C+r-7=item. () traj Bion E intinkey, if for (int i=1; iL=r; i++) j=i-1; While (j>=0.ffqCj7>1cey) delete (prints ("Duce Underflowin"); Scanned with CamScanner void explay() prof / 1/200 (n 1, 9 (1, 2), mott ("Fater \n1. for incelson 12 deletion In 3 display (n 4 exit in),
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