

#include < std

Implement C program for ordinary queue
using function insert, delete and display.

#include < stdio.h>

#include < stdlib.h>

#define MAXSIZE 1,

void insert (int q[], int *pf, int *p8)

{

int item;

if (*p8 == MAXSIZE - 1)

{

printf ("\\n queue is full ");

return;

}

printf ("enter the data to be inserted ");

scanf ("%d", &item);

*p8 = *p8 + 1;

q[*p8] = item;

if (*pf == -1)

*pf = 0;

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Void deleteq [int q[], int *pf, int *p8)

{

int item;

if (*pf == -1)

{

printf ("\\n queue is empty");

return;

}

item = q[*pf];

printf ("\\n deleted item is : %d", item);

if (*pf == *p8)

*pf = *p8 = -1;

else

*pf = *pf + 1;

}

void display (int q[], int f, int s)

{

int i;

if (f == -1)

printf ("queue is empty \\n ");

else

{

printf("n content of queue is\n");

for(i=f; i<=r; i++)

printf("%d\t", q[i]);

}

}

Void main()

{

int ch, f=-1, r=-1;

int q [MAXSIZE];

while(1)

{

printf("n main menu");

printf("n 1. insert");

printf("n 2. delete");

printf("n 3. display");

printf("n 4. Exit");

printf("n enter your choice");

scanf("%d", &ch);

switch(ch)

{

Case 1 : insert(q,ff,r);
break;

Case 2 : deleteq (q, &f, &s);
break;

Case 3 : display (q, f, s);
break;

Case 4 : Exit (0);

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