Stack using queues

#include<conio.h>

#include<stdio.h>

#define MAX 100

void show(int stack[],int size,int top)

{

int i;

for(i=0;i<size;i++)

{

printf("\nValue at %d is %d",top,stack[top]);

top=top-1;

}

}

void reverse(int stack[],int qu[],int \*t,int \*r,int \*f)

{

\*f=0;

while(\*t>-1)

{

\*r=\*r+1;

qu[\*r]=stack[\*t];

\*t=\*t-1;

}

while(\*f<=\*r)

{

\*t=\*t+1;

stack[\*t]=qu[\*f];

\*f=\*f+1;

}

}

void main()

{

int size;

int item,t,i,stack[MAX],quee[MAX];

int top=-1,front=-1,rear=-1;

printf("Enter size of stack::");

scanf("%d",&size);

for(i=0;i<size;i++)

{

top=top+1;

printf("Enter value of for position %d ::",top);

scanf("%d",&item);

stack[top]=item;

}

show(stack,size,top);

reverse(stack,quee,&top,&rear,&front);

printf("\nAfter reverse..............");

show(stack,size,top);

getch();

}