#include <iostream>

#include <cstdlib>

#include <ctime>

using namespace std;

struct node{

int info;

struct node \*next;

} \*front, \*rear;

// struct \*front, \*rear;

class Queue {

public:

Queue() {

rear = NULL;

front = NULL;

}

node \*enqueue(node \*, int );

node \*dequeue(node \*);

void display(node \*);

int search(node \*, int ara);

void peek (node \*);

int main () {

Queue queue;

int data, aranan, pos=-1, N;

int choice, i;

while(true){

cout <<”\n

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class Queue {

public:

Queue() {

rear = NULL;

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void enqueue( int data );

void dequeue();

void display();

int search(node \*, int ara);

void peek ( );

int main () {

Queue queue;

int data, aranan, pos=-1, N;

int choice, i;

while(true){

cout <<”\n-----------“<<endl;

cout<<”Operations on QUEUE”<<endl;

cout<<”\n------------“<<endl;

cout<<”1.Enqueue(Add) Element into the queue”<<endl;

cout<<”2.Dequeue(Remove)Element from the queue”<<endl;

cout<<”3.Display the Queue”<<endl;

cout<<”4.Peek the Queue”<<endl;

cout<<”5.Quit”<<endl;

cout<<””Enter your Choice: “;

cin>>choice;

cout<<”\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*”<<endl;

switch(choice){

case 1:

cout<<”Eklenecek deger:”<<endl;

cin>>data

queue.enqueue (data);

break;

case 2:

queue.dequeue();  
 break;

/\* case 3,4,5,6, return yaz \*/

case 3:

queue.dequeu

………..

}

}

return 0;

void Queue::enqueue( int data){

node\* tmp;

tmp=new(struct node);

tmp->info=data;

tmp->next=NULL;

if(front==NULL){

front=tmp;

}else {

rear->next=tmp;

}

rear=tmp;

}

void Queue::dequeue(){

node\* tmp;  
 tmp=new(struct node);

if(front==NULL){

cout<<”Kuyruk Boş”<<endl;

}else{

cout<<”Cikacak eleman: “<<front->info<<endl;

tmp=front;

front=tmp->next;

free(tmp);

}

}

void Queue::display(){

node \*p = new node;

p = front;

if(front == NULL){

cout<<”\nNothing to Display\n”;

}else{

cout<<”Queue Elements : “<<endl;

while(p!=NULL){

cout<<endl<<dec<<p->info;

p = p->next;

}

}

}

void Queue::peek(){

if (front ==NULL)

cout<<”Queue is empty”<<endl;

else{

cout<<”Peek elements:” <<endl;

cout<<dec<<front->info<<endl;

}

}