

deqaa

```
#include <iostream>
#include <list>
using namespace std;

class listqueue
{
private:
list <int> lst;
public:
void enqueue(int item)
{
lst.push_back(item);
cout<<item<<"pushed into the list"<<endl;
}
void enqueue1(int item)
{
lst.push_front(item);
cout<<item<<"pushed into the list"<<endl;
}
void dequeue()
{
if(!lst.empty())
cout<<"item popped"<<lst.front();
lst.pop_front();
}
void dequeue1()
{
if(!lst.empty())
cout<<"item popped"<<lst.back();
lst.pop_back();
}
void display()
{
for(list <int>::iterator itr1=lst.begin();itr1!=lst.end();itr1++)
cout<<*itr1<<"->";
}

};

int main()
{
listqueue lst;
int choice;
int item;
while(1)
{
cout<<"\n 1.enqueue \n 2.enqueue1 \n 3.dequeue\n 4.dequeue1
\n 5.display \n"<<endl;
cout<<"\n enter your choice"<<endl;
cin>>choice;
switch(choice)
```



