

# Deque

## Deque example

```
deque<int> dq{4, 2, 3, 5, 1};
```

```
dq.push_back(4);
```

```
dq.push_back(2);
```

```
dq.push_front(1); // Add element with value 1 before all the other elements
```

```
dq.push_front(5); // Add element before all the other elements, including element 1
```

```
dq.push_front(3); // Add element before all the other elements, including element 5
```

```
for (auto& it: dq) {  
    cout << it << ", ";  
}
```