

Deque Exercises

- Describe the main differences between a deque and a vector
 - deque supports `push_front()` as well as `push_back()`
 - vector stores its data in a single memory block, while deque stores its data in several memory blocks
- Convert the sample code on Page Two into a full working program. What output do you expect to see?
 - 3, 5, 1, 4, 2, 3, 5, 1, 4, 2,

```
deque<int> dq{4, 2, 3, 5, 1};  
dq.push_back(4);  
dq.push_back(2);  
dq.push_front(1);  
dq.push_front(5);  
dq.push_front(3);  
  
for (auto& it: dq) {  
    cout << it << ",";  
}
```