## Implement dequeue using queue

```
// Function to push element x to the back of the deque.
void push_back_pb(deque<int> &dq, int x) {
  dq.push_back(x);
}
// Function to pop element from back of the deque.
void pop_back_ppb(deque<int> &dq) {
  if (!dq.empty())
     dq.pop_back();
}
// Function to return element from front of the deque.
int front_dq(deque<int> &dq) {
  if (!dq.empty())
     return dq.front();
  else
     return -1;
// Function to push element x to the front of the deque.
void push_front_pf(deque<int> &dq, int x) {
  dq.push_front(x);
}
```

