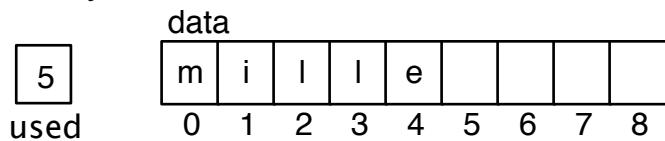


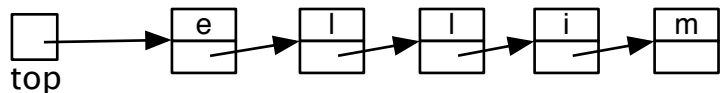
Stack implemented with an array

pop at data[used-1]
 push at data[used]
 first push at data[0]



Stack implemented with a linked list

pop and push at top



Stack interface:

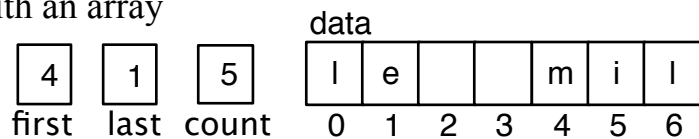
```
bool empty( );
unsigned size( );
T & top( );
void push(const T & item);
void pop();
```

Queue interface:

```
bool empty( );
unsigned size( );
T & front( );
void push(const T & item);
void pop();
```

Queue implemented with an array

pop at data[first]
 push at data[next(last)]
 next(i) gives next index
 wrapping around
 to beginning



Queue implemented with a linked list

pop at front
 push at rear

