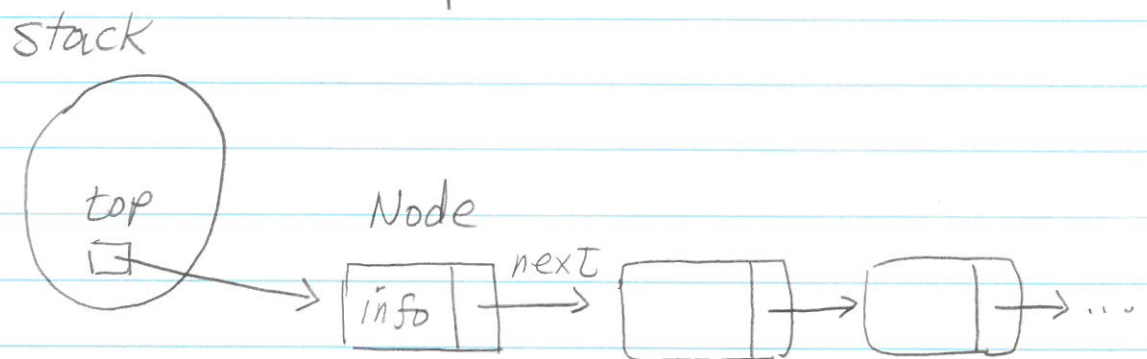


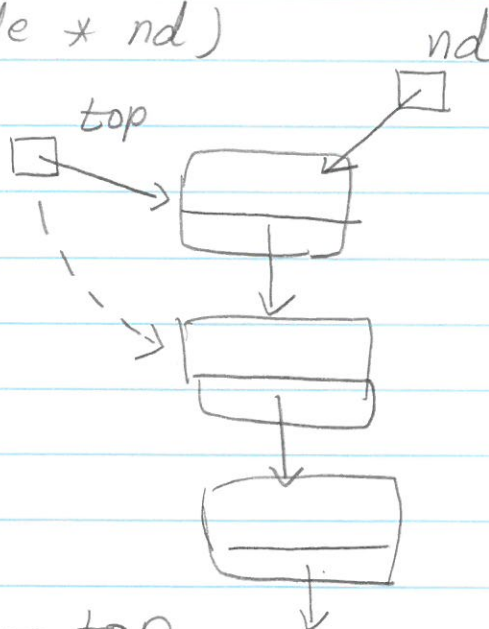
Stack (Linked list implementation)

```
class stack  
{  
  
private:  
    Node * top  
}
```

```
class Node  
{  
  
private:  
    ItemType info;  
    Node * next  
}
```



* push (Node * nd)



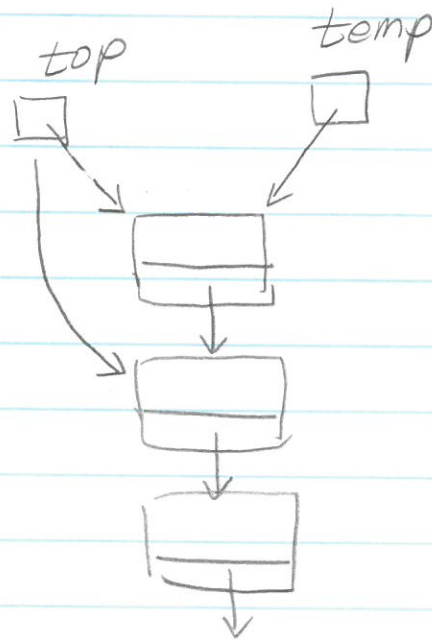
Steps:

- ① $nd \rightarrow next = top$
- ② $top = nd$

ItemType

pop()

original



① temp = top

② top = top → next

③ delete temp

Queue

```
class Queue
```

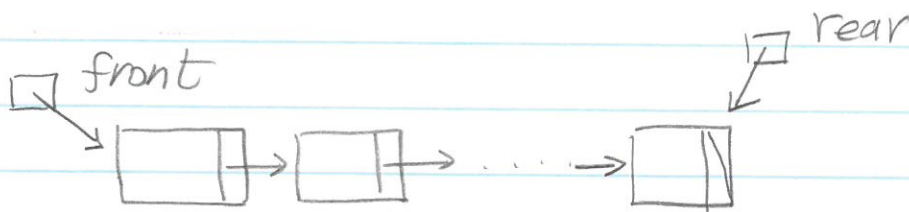
```
{
```

```
private:
```

```
Node * front;
```

```
Node * rear;
```

```
}
```

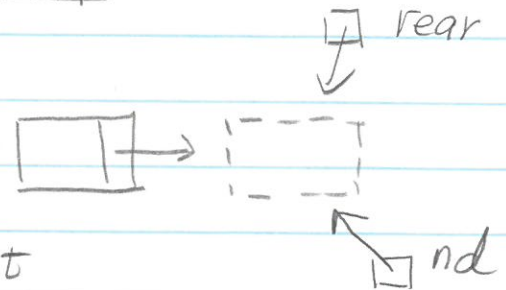


Steps:

* Enqueue:

① rear → next = nd

② rear = nd



* Dequeue

① temp = front

② front = front → next

③ delete temp

