

CS 2100 - Vectors

Note Title

10/17/2011

Announcements

Vectors

Similar to lists in python

myvector [5] = 12;

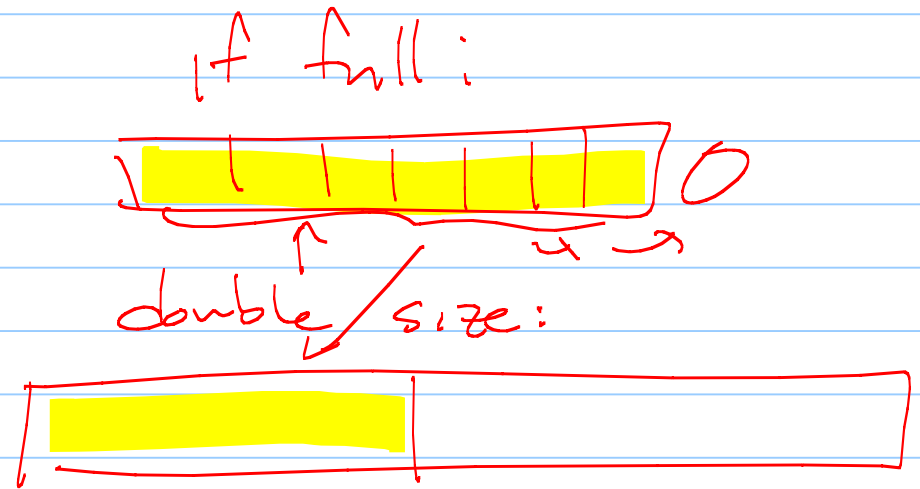
myvector

1	12	55	20	63	12	55	2
0	1	2	3	4	5	6	7

myvector.insert(-3, 6);

Code:

```
private data:  
    Object* _V;  
    int _cap;  
    int _size;
```



Functions:

(see STL)

- insert, remove
- operator []
- push back, front, pop back + front

Insert

```
myvec. insert (2, 'c');
```

```
othervec. insert (11, "new");
```

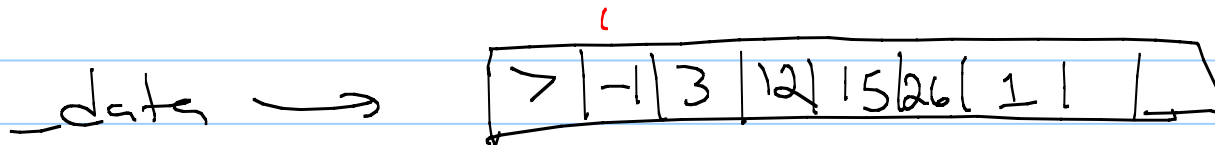
```
anothervec. insert (7, -25);
```

How to insert?
(What if full?)

Erase

- take an index & delete that element

Ex: myVec.erase(3)



Another: Operator []

Usage: myvector[6] = 9;

