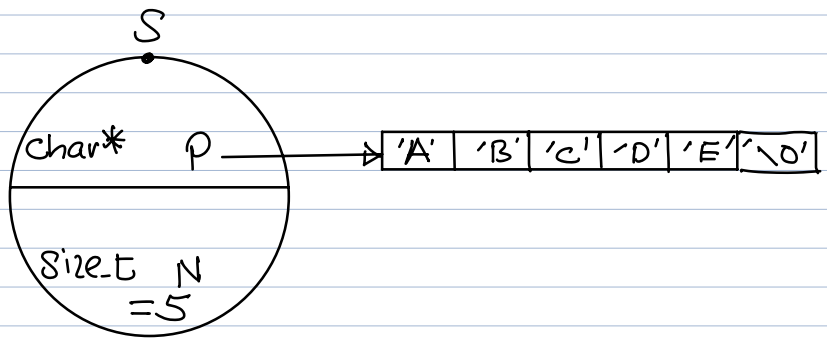
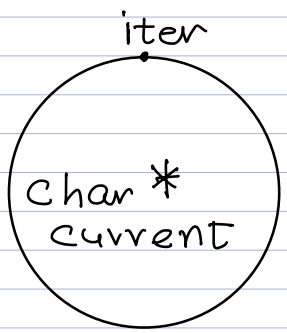
```
std::string S("ABCDE");
```



object of
class string



object of
String:: iterator

Std ⟶ namespace

↓

String ⟶ class

↓

iterator ⟶ class

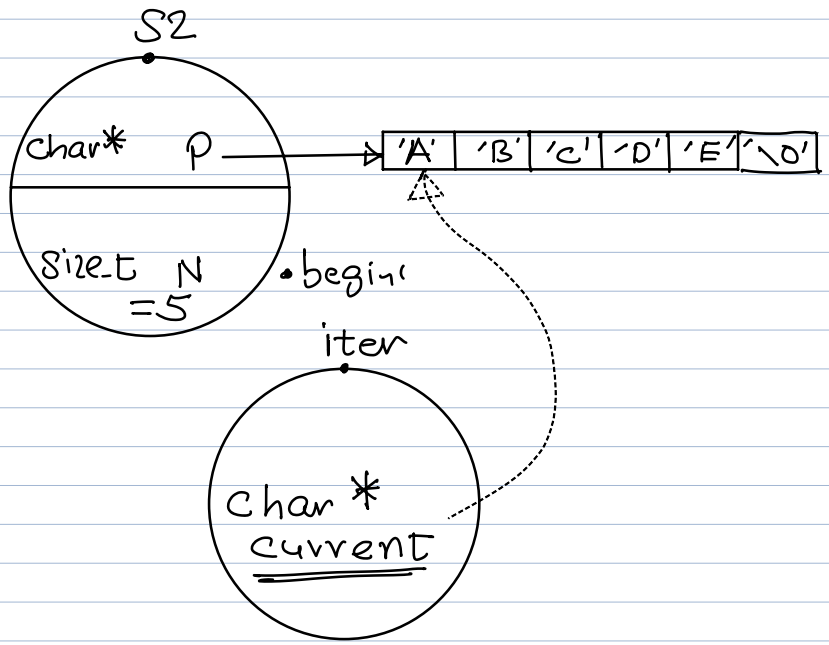
std:: string:: iterator iter;

using std:: string;

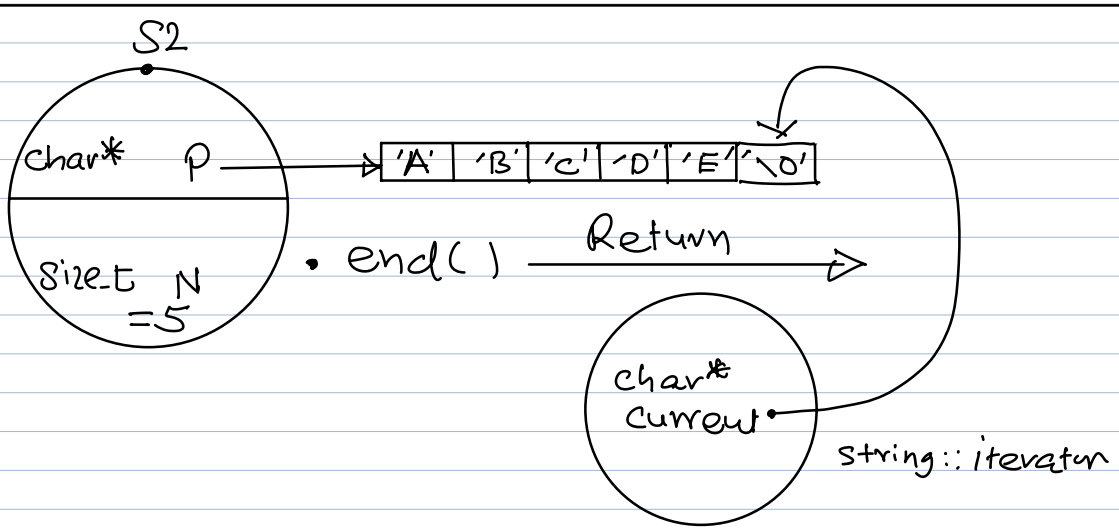
String:: iterator iter;

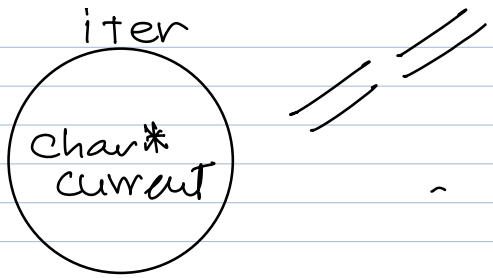
for (String::iterator iter)

String::iterator iter = S2.begin();



*iter | internally | *current = 'A'





String::iterator

```
String::iterator iter = S2.begin();
while(iter != S2.end())
{
    cout << " *iter = " << *iter
         << endl;
    ++iter;
}
```

```
for(string::iterator iter = S2.begin();
    iter != S2.end();
    ++iter)
    cout << " *iter =" << *iter
         << endl;
```

---

char mss[] = "A B C D E";