STRING

DSA

```
char arr[] = {'D', 'S', 'A'};
```

```
char arr[50];
for (int i=0; i<50; i++) {
    cin >> arr[i];
```

DSA

3 Byte

```
char arr(100);
cin>>arr;
cout<<arr;
```

add

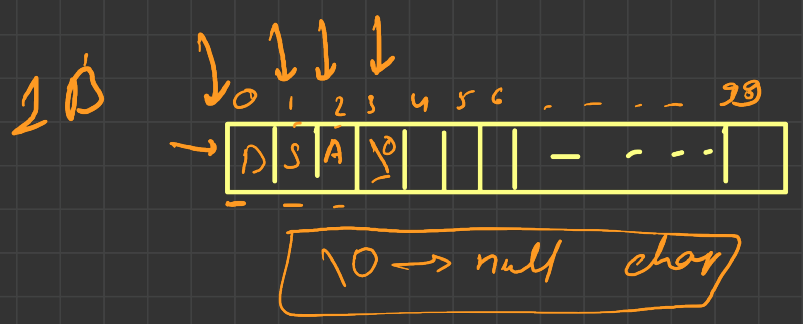
max: 100 00

10000B

30

≈ 9 99 7B

DSA



A N ✗

AN ✓

Ankit → 50.

DSA → 30

STRING

```
String s;
cin >> s;
cout << s;
```

Ankit

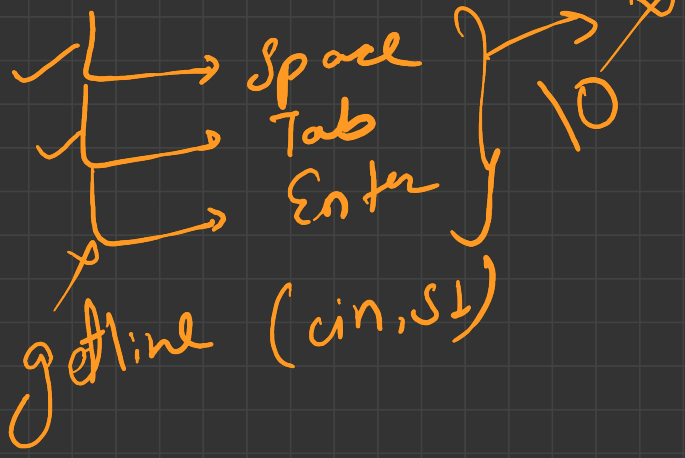
'A'

String S = "Ankit";

String S1 = "Ankit Pathak";

String s1; → Size

cin >> s1;



Ankit Pathak

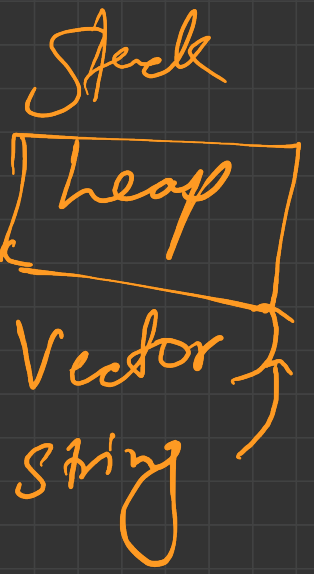
cout << s1.size()

- S_1 = "Ankit" + YT
- S_2 = "Pathak"

String S_3 = $S_1 + S_2$
"AnkitPathak"

S_1.push_back('Y')
S_1.push_back('T')

S_1.pop_back();



String s1 = "Ankit is a "good" man";

escape escape

① Escape char

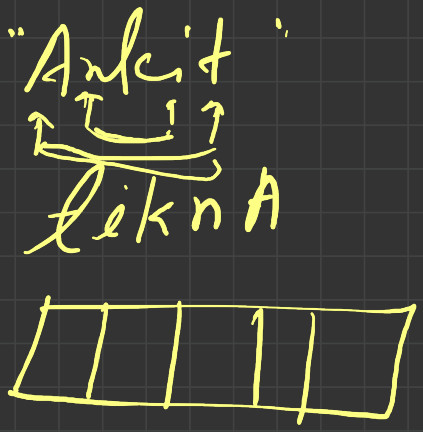
\ → escape

String s4 = "\\";

"\"

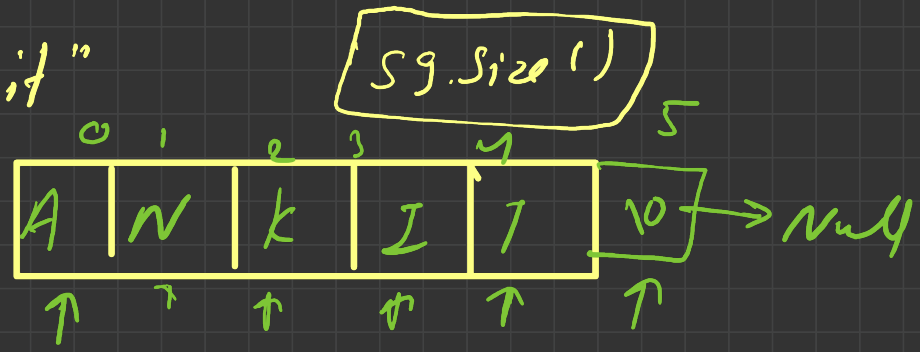
\\

String s8 = "Ankit";




```
start = 0;
end = s8.size()-1;
while(start< end){
    swap(s8[start], s8[end])
    start++
    end--
}
```

S9 : "Ankit"



size = 5 ;

while (s[size] != '\0') {

size ++ ;

}