



# STRING CLASS I/O

Reading and writing string objects



# STRING OUTPUT

```
string s = "Hello, World!";
```

```
cout << s << endl;
```



# STRING INPUT

## FAILS

```
string    input;
```

```
cin >> input;
```

```
cout << input << endl;
```

## SUCCEEDS

```
string    input;
```

```
getline(cin, input);
```

```
cout << input << endl;
```



# THE GETLINE FUNCTION

## C-STRING

```
char input[100];  
cin.getline(input, 100);
```

- cin – input stream
- 100 – the size of the C-string array
- input – the name of the C-string

## STRING CLASS

```
string input;  
getline(cin, input);
```

- cin – the input stream
- input – the name of the string object