

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);
```

STRING CLASS

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

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

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