STRING CLASS I/O

Reading and writing string objects

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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