

# C-STRING I/O

Reading and Writing: C-String Style

# C-STRING OUTPUT

- C-String output is independent of how the C-string was defined or initialized
  - cout << "Please enter the value for x:" << endl;
  - cout << s1 << endl;
  - cout << s2 << endl;
  - cout << s3 << endl;
  - cout << s4 << endl;
  - cout << s5 << endl;
  - cout << s6 << endl;
  - cout << s7 << endl;
  - cout << s8 << endl;

## C-STRING INPUT: EXTRACTOR

- The extractor operator (`>>`) does not read past spaces!!

```
char    input[100];  
  
cout << "Enter a string" << endl;  
cin >> input;  
cout << input << endl;
```

- **Input:**           Hello world
- **Output:**        Hello



## C-STRING INPUT: GETLINE

- The `getline` function does read spaces

```
char    input[100];  
  
cout << "Enter a string" << endl;  
cin.getline(input, 100);  
cout << input << endl;
```

- **Input:** Hello world
- **Output:** Hello world