C-STRING I/O

Reading and Writing: C-String Style

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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