

# CS1428

## Foundations of Computer Science Style Guide

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- Keep every line of code shorter than 80 characters.
- Give variables meaningful names. The name should make the use of the variable obvious.
  - 'c' is a bad variable name.
  - 'number' is a bad variable name.
  - 'number\_of\_students' is a good variable name.
  - 'daysUntilGraduation' is a good variable name.
- Indent every block of code by one tab or four spaces from its parent statement.

- ```
if(x<3){ //good indentation
    cout << "Small";
}
```

- ```
if(x<3) //good indentation
{
    cout << "Small";
}
```

- ```
if(x<3) //bad indentation
{
|cout << "Small";
}
```

- Comments should be included to explain every “complicated” action.
- Every file should include author, date, and collaborators comments.