







# Announcement Blackboard Discussions already setup. Make sure you submit the pre-req form today before you leave. Bitbucket setup of ssh keys. ssh-keygen –t rsa –C "fsu email" Add it to bitbucket ssh-keys (without adding \n) hg clone project1

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## Why learn C++? Ubiquitous Object Oriented Easier large scale projects Resuability High Performance



### • • • When not to use C++?

- Small system programs.
- Fast prototyping.
- Web-based applications (Perl/Python)

### Important definitions

- Algorithm: Ordered set of actions to accomplish a certain task.
- Program: Implementation of algorithms.
- o Compiler, function, library, bug.
- Variables, constants.
- Keywords (if, while, for,...)
- o Data Types. (long, int, ...)



















## OOP

- Based on concept of objects and classes.
- Objects: Represent entities with related state and behaviour
  Instances of a class
- Classes: Define common characteristics of similar objects.



































