ITP 365

Lecture 1

* #include <iostream>
  + std::cout, std::cin
* main always has to return an int, cannot return void
* using namespace std
  + pros – less typing
  + cons – can mess with functions in standard library
* DON’T USE NAMESPACE STD, instead
  + using std::cout;
  + using std::endl;
* Enumeration - Allows you to make custom data type
  + enum Coin

{

* + - Penny = 1,
    - Nickel = 5,
    - Dime = 10,

};

* Must write function headers:
  + Function: Add
  + Purpose: Adds two integers
  + Input: Two integers to add
  + Output: Returns the integral result
* Function Overloading
  + Only differs by parameters either in number or return type
  + CANNOT just change the return type of the entire function
* #pragma once
  + Protect against accidentally including same header file twice