Assignment X: XXX
Coding Documentation
Due Date: XXXX

Introduction

lorem ipsum.

Cases Handled

The following cases are considered:

- Case 1

- Case 2

Algorithm

The algorithm follows these general steps:

1. Case 1

   (a) Subcase A

Function Documentation

Main Function

`function(param)`

Description:

lorem ipsum.

Parameters:

`param` : (type) lorem ipsum.

Returns:

`type` : lorem ipsum.

Raises:

`Error:` lorem ipsum.

Helper Functions

`function(param)`

Description:

lorem ipsum.

Parameters:

`param` : `(type)` lorem ipsum.

Returns:

`type` : lorem ipsum.

Raises:

`Error:` lorem ipsum.