Project 2

Title:

The Battleship Game

Course:

CSC-5

Section:

42450

Author:

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1. Introduction

* This game I built shows what I have learned thought the course of CSC-5.
* The name of the game is The Battle Ship Game.
* The game is composed of many basic and simple codes.

1. Game Play and Rules

* The game is a two player game mode
* 10 random ships are placed in a map that is 10x10
* The goal is to hit all ten ships before the other player
* If one player is successful in hitting all ten ships before other player that player wins the game
* Shoot down a ship by entering coordinates such as(0,1)
* Option for cheat map is also available is player enters number 21.

1. Development Summary

* Lines of Code: 252
* Comment Lines: 35
* Blank Lines:27
* Total lines in Source File:314

1. Definition of Terms

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Code | | Purpose | | Example of Code in program | |
| * sif/else statement | | * if one statement is incorrect then it proceeds to the next one | | * if(A==21){ * Show()} * Else{ * Map();} | |
| * Do/while statement | | * Repeats code until statement is true | | * Do{cin>>c; * W }while (cin!=0); | |
| srand(time(0)) | | * Generates random time | | srand(time(0)) | |
| * /#include<????> | | * Libraries that access commands | | * Ex. #include <iostream> can access the in put and output library | |
| * //Function Prototypes | * S Stores function in prototypes | | * Void sShips(); * void sShips(); * int ships(){ * int c =0; * int x=0,y=0; * for(int i=0;i<10;i++){ * for (int j=0;j<10;j++){ * if(map[i][j]==1) * c++; * } * } * return c; * } | |
| * For statement | * Starts with a number and is usually incremented to stop at another number | | * for(int i=0;i<10;i++){ * cout<<”Map”;} | |
| Variables | * can be in the form of int,float,double,etc | | * int A; * Declares a variable | |
| bool | * For false or true statement | | * bool Strike2(int C, int D){ * if (map2[C][D] == 1){ * map2[C][D] = 2; * return true; * } * return false; * } | |

1. Program

















