Project 1

< Where Am I? >

CCS – 5 10408
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Introduction

Title: Where Am I?

This is a word game that takes the user into a dream or reality. It is really the choice of the user's imagination.
The user awakes in a room and has no idea how he/she got there.
The user must make choices within the game that will change the outcome of the game itself.

The user can escape the "Villa" (which is where to story takes place.)
Or have an extended stay with some unruly people or creatures.

Summary

This game is a text based game with some of the concepts that I have learned since the beginning of this course. I had some trouble trying to get everything to work properly and I am still not content with the way the program turned out. I will have some major tweaking to do when it comes to project 2. But I think I will be ready when the time arrives.

Description

This program is designed for a fun distraction for a person to enjoy. As well as an outlet of expression for the programmer to write out a story and have another person play the game and enjoy the programmers work as well as the programmers imagination in storytelling.

DISCLAIMER.
I could not get the program to work properly in the end. After hours of effort
I came up short.

Program

```cpp
/*
  File:   Molina, Joshua-Project-1-40108
  Author: Joshua Molina
  Created on January , 2017, 12:15 PM
  Purpose:  Template to be used in all programming
          projects!
 */

//System Libraries
#include <iostream>//Input Output Library.
#include <iomanip>//Format Library.
#include <cstdlib>//Random Numbers.
#include <ctime>//Time to set the seed.
#include <fstream>//File stream Library.
#include <string>//String objects.
using namespace std;

//User Libraries

//Global Constants
//Such as PI, Vc, -> Math/Science values
//as well as conversions from system of units to
//another

//Function Prototypes

//Executable code begins here!!!
int main(int argc, char** argv) {
    //Set the random number seed
    srand(static_cast<unsigned int>(time(0)));
    //Declare Variables
    string user; //Name of user
    int firstChoice;//Number Entered to find info of Villa.
    char play_ag = 'y';//Loop for If in Villa.
    int i;//First dice roll game.
    int diceroll;//First dice roll game.
```

```cpp
unsigned char YRdice, sum;
//Input values

//Process by mapping inputs to outputs
cout <<"Project 1 Game: Where Am I? \n";//Game Title
cout <<" \n";
cout <<"\t ???\n";//Design for Effect.
cout <<"\t?   ?\n";
cout <<"\t?   ?\n";
cout <<"\t   ?\n";
cout <<"\t  ?\n";
cout <<"\t  ?\n";
cout <<"\t  ?\n";
cout <<" \n";
cout <<"\t  ?\n";
cout <<" \n";
cout <<"A Game by Joshua Molina. \n";//Author of the game.
cout <<" \n";
cout <<"Press Enter To Continue.";
cin.get();//User must respond to proceed
cout <<" \n";
//Some text to set the scene.
cout <<"You awake in a dark room and you have no idea how you got there.  ";
cout <<"Is this a dream? How did I get here? Have I gone INSANE!";
cout <<"Your head is riddled with questions and no answers! You look down";
cout <<" at your wrist and that a question mark has been branded on your ";
cout <<"wrist.  Suddenly you hear large footsteps from outside the door.  ";
cout <<"The door has a a giant question mark on it.  In the exact same ";
cout <<"font of the one on your wrist.  Who or what   is out there?  ?";
cout <<"All that you know is that you need to find a way out and what ";
cout <<"Question marks mean?";
cout <<" \n";
cout <<"Press Enter To Continue.";
```

```cpp
    cin.get();
    cout <<" \n";
    cout <<"The footsteps approach the door but an alarm goes off that sounds";
    cout <<"like a car horn.  The footsteps hurry turn away and then more ";
    cout <<"footsteps pass the door.  You hear men walking and talking as well";
    cout <<" as what sounds to be grunting.  The men are talking about dinner.";
    cout <<" Then your stomach begins to growl.  Food sure does sound good ";
    cout <<"right now.  You think to yourself.  KNOCK! KNOCK! KNOCK! DINNER";
    cout <<" IS READY GET OUT HERE!!! someone yells.";
    cout <<" \n"<<endl;
    cout <<"Press enter to open the door.  Your hungry and have no choice!";
    cin.get();
    cout <<"You are greeted by a man in a navy jump suit with a question mark ";
    cout <<"that resembles all of the other question marks.\n";
    cout <<" \n";
    cout <<"Welcome to Villa, the man says.  You have been out for a week! ";
    cout <<"Im sorry where are my manners. My name is John.  I am your tour ";
    cout <<"guide even though there is not much to see.  Umm ok bad start you ";
    cout <<"probably have many questions. But first let me ask you a few.\n";
    cout <<" \n";
    cout <<"What is your name: ";
    getline(cin, user);
    cout <<" \n";
    cout <<"Hello "<<user<<"! Welcome to Villa a place of refuge and rest!\n";
```

```cpp
    cout <<"Even though villa means a large and luxurious country residence ";
    cout <<"and this isn't exactly a place one would be happy to call home. ";
    cout <<"We better get to the dinner hall before the trolls decide to get";
    cout <<" seconds and leave us without firsts.  Let's get going im starving";
    cout <<" and I don't want to try and win my dinner from these trolls I ";
    cout <<"swear they have fixed dice or something.  In this place you you ";
    cout <<"live by staying out of the way and living here forever or by ";
    cout <<"risking it all by playing the dice.  You risk loosing your rank ";
    cout <<"and staying here even longer! I had 2 years left in villa, till";
    cout <<"I got desperate and rolled the dice.  I lost to a troll and he";
    cout <<"lost 10 years from his sentence and I had to serve 10 more in his";
    cout <<" place.";
    cin.get();
    cout <<" \n";
    cout <<"Im sorry I just miss my daughter Mindy.  She was 4 the last time";
    cout <<"I saw her and I just want to get to her.  I hope she still ";
    cout <<"remembers her daddy."<<endl;
    cout <<"Press Enter to continue. \n";
    cin.get();
    cout <<" \n";
    cout <<"Every one has a story to tell around here and everyone has ";
    cout <<"questions the want answered but all we have are pieces and no one";
    cout <<"to put them together or figure out what this stupid question mark";
    cout <<"means!\n";
    cout <<"Do you have any questions? I only know a little bit about villa ";
    cout <<"So im not going to be much help but I will tell you what I know";
    cout <<" lets walk and talk while we go to dinner."<<endl;
    cout <<"Press Enter to continue. \n";
    cin.get();
```

```cpp
while (play_ag == 'y' || play_ag == 'Y')
{
cout <<"Quesitons you can ask to find an answer.\n"<<endl;
cout <<"1.How did I get here ?"<<endl;
cout <<"2.How do I get out?"<<endl;
cout <<"3.What is this question mark?"<<endl;
cout <<"4.End the conversation.";
cout <<" \n";
cout <<"Select the number to the question you would like answered.";
cin >>firstChoice;
if(firstChoice == 1)
{
    cout <<"No one really knows how they get here we all wake up in a room";
    cout <<" with the same questions and the same mark."<<endl;
}
else if(firstChoice == 2)
{
    cout <<"We all have a time that we owe, or must serve while we are ";
    cout <<"here in this place."<<endl;
    cout <<"For some its shorter than others and time can be given to";
    cout <<" other people by playing the dice.  WHICH IS NOT A GOOD IDEA!";
    cout <<" I had to learn that the hard way."<<endl;
}
else if(firstChoice == 3)
{
    cout <<"They call it the mark of villa.  I am not sure why but ";
    cout <<"that is what it is called.  You and everyone in here has";
    cout <<"the exact same question."<<endl;
}

    cout <<" \n"<<endl;
    cout <<"Sorry that I cant answer more than that.  It is all of the";
    cout <<" information that I know so far.  But you can do some ";
    cout <<"exploring of your own to get some more answers and put";
    cout <<" all the pieces together.";
```

```cpp
        cout <<"Press Enter to continue. \n"<<endl;
        cin.get();
    cout <<"Well here we are.  The dinner hall.  This is the only place";
    cout <<" where you will find every person together and not arguing";
    cout <<" for a change.  I guess food has that kind of power huh.";
    cout <<"GREAT! Yurba the troll is taking orders that means we wont";
    cout <<" get what we want.  The dice will decide what we eat.\n";

    YRdice = rand()%6+1;//[1,6]
    cout<<"You rolled a "<<static_cast<int>(YRdice)<<endl;
    }
    if (YRdice < 3)
    {
        cout <<"SCRAPS FOR DINNER!";
    }
    else if (YRdice > 4)
    {
        cout <<"LUCKY ROLL YOU GET SCRAPS!";
    }


    //Output values

    //Exit stage right!
    return 0;
}
```