using System;

namespace Project\_Hangman

{

class Program

{

static void Main(string[] args)

{

Loop:

Console.Clear();

Console.WriteLine("Project Hangman!");

Console.WriteLine(" Welcome Hangman");

Console.WriteLine("Press 1 to Start the Game.");

Console.WriteLine("Press 2 for Instruction.");

Console.WriteLine("Press 3 to Exit the Game.");

int first\_button = int.Parse(Console.ReadLine());

string[] word = { "a" };

int index = 0;

if (first\_button == 1)

{

Console.WriteLine("For Single Player Press 1\nFor Multiplayer Press 2");

int player = int.Parse(Console.ReadLine());

if (player==1)

{

Console.WriteLine("Choose level of game by pressing the number\n1. Easy\n2. Normal\n3. Difficult");

int level = int.Parse(Console.ReadLine());

Console.WriteLine("Write any word from the list given below");

switch (level)

{

case 1:

word = new string[10] { "phone", "jug", "doggy", "space", "moon", "book", "chair", "kitchen", "glass", "laptop" };

Random rand = new Random();

index = rand.Next(word.Length);

Console.WriteLine("phone, jug, doggy, space, moon, book, chair, kitchen, glass, laptop");

break;

case 2:

word = new string[10] { "character", "country", "university", "conquest", "dragonstone", "defensive", "strength", "thousand", "revierside", "processor" };

Random rand2 = new Random();

index = rand2.Next(word.Length);

Console.WriteLine("character, country, university, conquest,dragonstone, defensive, strength, thousand, revierside, processor");

break;

case 3:

word = new string[10] { "fundamental", "nutritional", "license", "expensive", "archmaester", "interface", "modification", "prototype", "targaryen", "argument" };

Random rand3 = new Random();

index = rand3.Next(word.Length);

Console.WriteLine("fundamental, nutritional, license, expensive, archmaester, interface, modification, prototype, targaryen, argument");

break;

default:

Console.WriteLine("You have Entered the Wrong digit Press enter to go back to Menu");

Console.ReadLine();

goto Loop;

}

}

else if (player==2)

{

Console.Clear();

Console.WriteLine("First Player Enter the Word");

word = new string[1] { Console.ReadLine() };

Console.WriteLine("First Player Enter the hint for Second Player");

string hint = Console.ReadLine();

Console.Clear();

Console.WriteLine("Hint is "+hint);

}

string first\_word = $"{word[index]}";

string wordreplace = first\_word.Replace(first\_word, "\*\*\*\*\*\*\*");

Console.WriteLine(wordreplace);

int guesscount = 0;

int Score = 100;

string Guessword = Console.ReadLine();

do

{

if (first\_word == Guessword)

{

Console.Clear();

Console.WriteLine("\nCorrect Word. You win.");

Console.WriteLine("Guess word is "+first\_word);

Console.WriteLine("Your Score is " + Score + " out of 100");

}

else if (first\_word != Guessword)

{

Console.WriteLine("Wrong Word Try Again.");

guesscount++;

Score-=10;

Guessword = Console.ReadLine();

}

} while (first\_word!= Guessword && guesscount <=10);

if (first\_word == Guessword)

{

Console.Clear();

Console.WriteLine("Correct Word. You win.");

Console.WriteLine("Guess word is " + first\_word);

Console.WriteLine("Your Score is " + Score + " out of 100");

}

else

{

Console.Clear();

Console.WriteLine("Wrong Words. You have lost the game.");

Console.WriteLine("Correct word is " + first\_word);

}

Console.WriteLine("\nif you want to play again press 1 or to end the game press 2");

int menu = int.Parse(Console.ReadLine());

switch (menu)

{

case 1:

Console.Clear();

goto Loop;

case 2:

break;

default:

Console.WriteLine("You have Entered the Wrong digit Press enter to go back to Menu");

Console.ReadLine();

goto Loop;

}

}

else if (first\_button == 2)

{

Console.Clear();

Console.WriteLine(" Game Instructions");

Console.WriteLine();

Console.WriteLine("For Single Player:\n\nFirst player will give a word with hint, the second player will guess the word\n" +

"if the word is wrong try again, second player will have 10 chances to guess the word if all chance are used then the \n" +

"game will end and the Score will be shown, if the word is right the score will be shown.\n\n" +

"For Multi Player:\n\nSystem will give you a list of word, you have to choose the word from the \n" +

"list, if the word is correct the score will be shown but if the word is wrong system will let you try once again, \n" +

"the player will have 10 chances to guess the word if all chances are used the system will show the result.\n");

Console.WriteLine("\nif you want to play again press 1 or to end the game press 2");

int menu = int.Parse(Console.ReadLine());

switch (menu)

{

case 1:

goto Loop;

case 2:

break;

default:

Console.WriteLine("\nYou have Entered the Wrong digit Press enter to go back to Menu");

Console.ReadLine();

goto Loop;

}

}

else if (first\_button==3)

{

Console.Clear();

Console.WriteLine("\nPress Enter to Exit the Game");

}

Console.ReadKey();

}

}

}