

FUNZONE

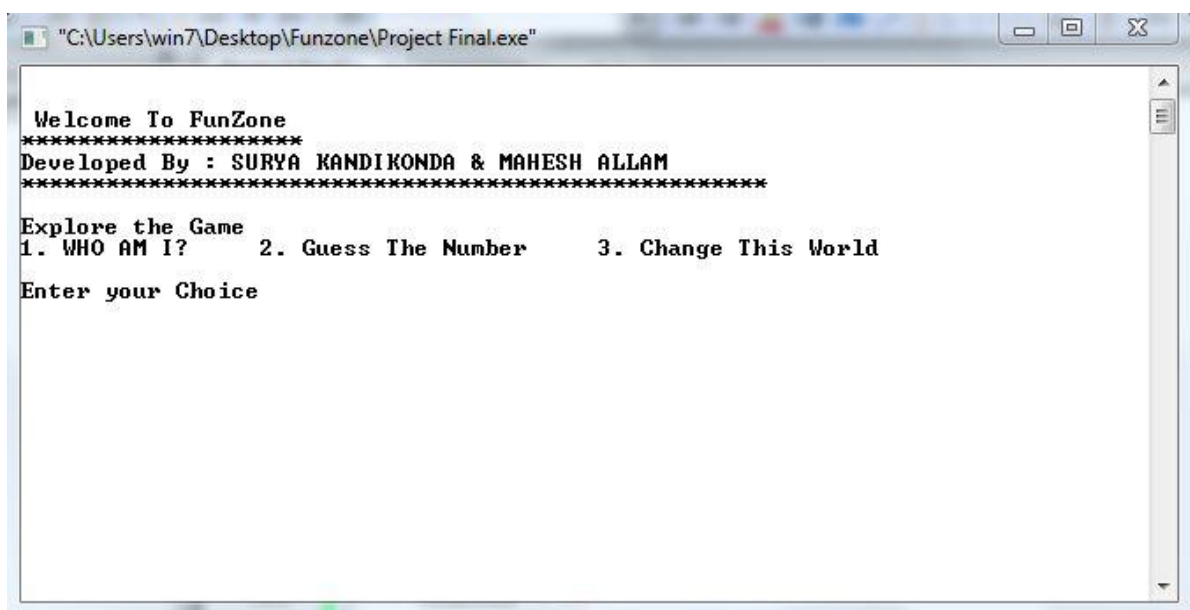
Mini Project

- *Team Members :* **SURYA KANDIKONDA (17NG1A05B0)**
 MAHESH ALLAM (17NG1A0562)
- *Branch :* **Computer Science and Engineering**
- *College :* **Usha Rama College of Engineering and Technology**
- *Programming Language :* **C**
- *No. of Lines of code:* **244**
- *IDE :* **CodeBlocks(17.12)**

Funzone consists of three simple and fun games. The game mainly works with strings (i.e., Name) entered by the user and also with the numbers.

The game was written in Language 'C'. We have used header files that supports to generate Random Number and also the header files that supports the use of Files. The program mainly works with User-defined functions. We have created functions that can enter the newgame or Takes to selected game, etc.

Here is the Interface of the program, that user get when started the program.



```

Welcome To FunZone
*****
Developed By : SURYA KANDIKONDA & MAHESH ALLAM
*****
Explore the Game
1. WHO AM I?      2. Guess The Number      3. Change This World
Enter your Choice

```

- The next page consists of the Source Code of the Project.

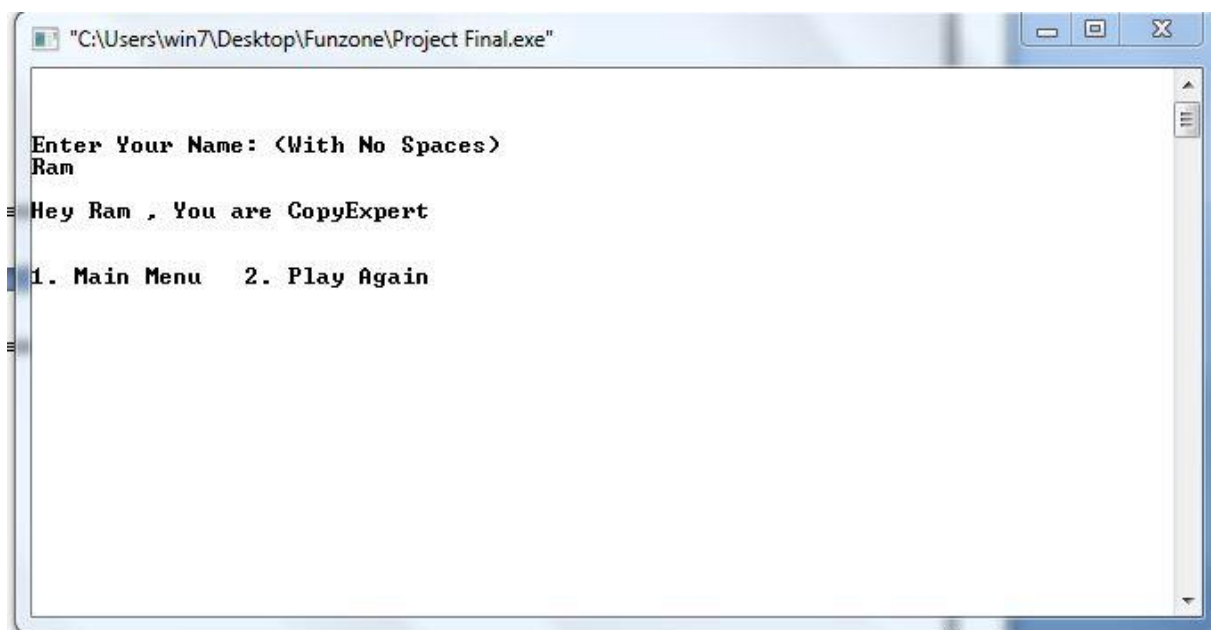
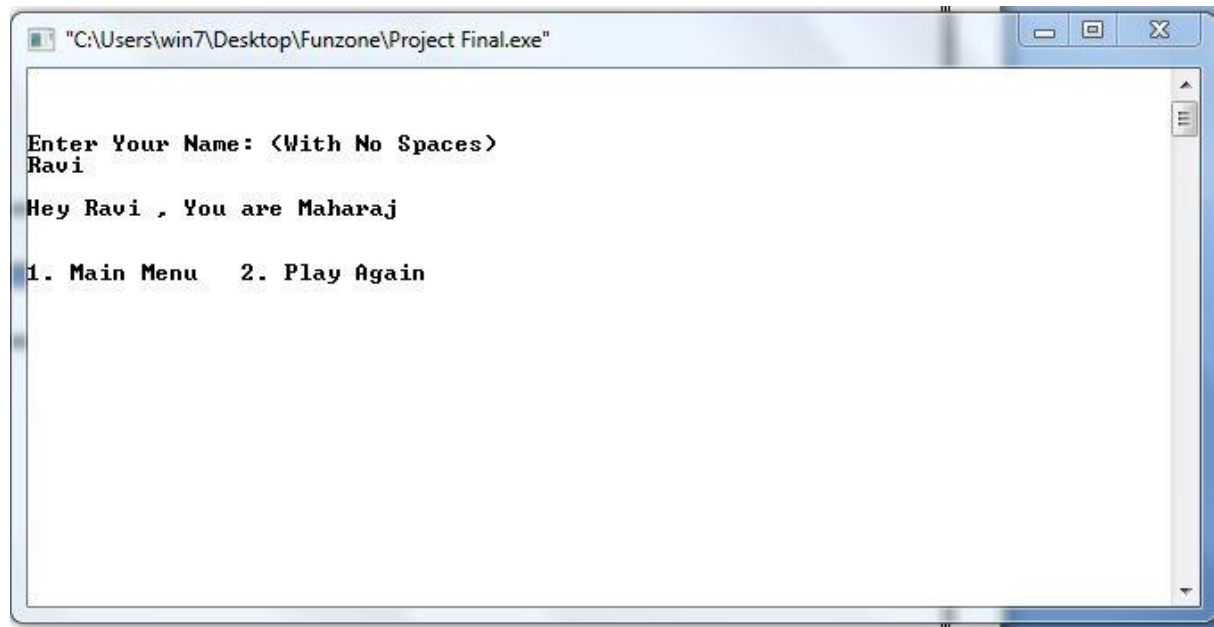
❖ *function* **WhoAmI();**

This function consists of the game ‘WhoAmI’, which print random names everytime. Let us look at the example



- *If the user enter a name(Ravi, in the above example), the program prints a random string every time.*
- *Note : If the name string is entered twice, it generates random names. It doesn't take string name into the consideration while generating the random name.*
- *We have created a file “names.txt” which consists of Strings in each line.*
- *Used function ‘randomnumber’ to generate random number in the range of no. of lines of the files.*
- *Used default random name for the developers of the program*

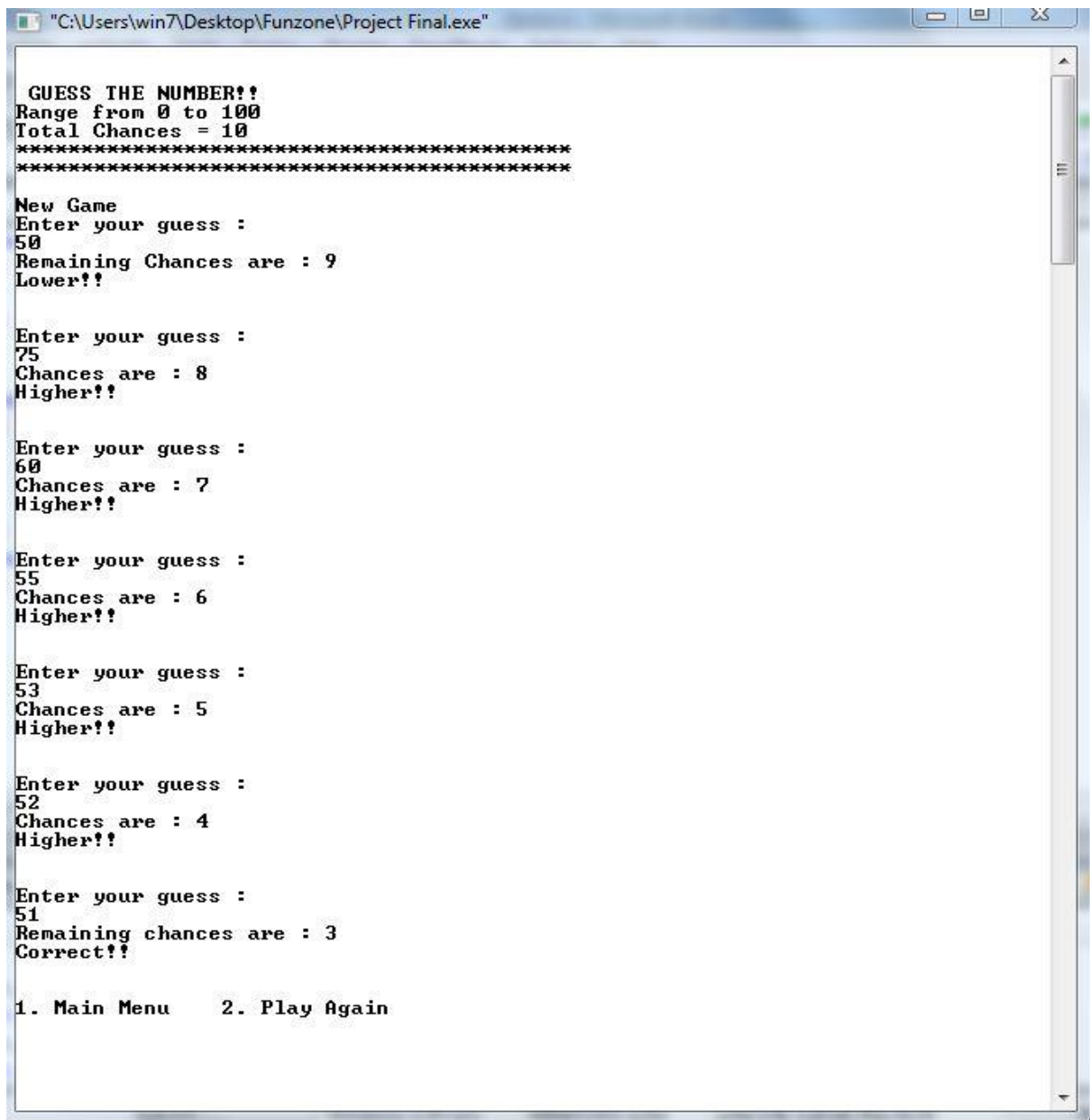
Examples:



❖ *function* **mainGame2();**

- *This function is a simple math game*
- *This function stores a random SecretNumber in the range of 0 to 100. And it challenges the user to guess the number in 10 chances.*
- *It also gives the hints while playing the game.*

Example :



```
"C:\Users\win7\Desktop\Funzone\Project Final.exe"

GUESS THE NUMBER!!
Range from 0 to 100
Total Chances = 10
*****
*****

New Game
Enter your guess :
50
Remaining Chances are : 9
Lower!!

Enter your guess :
75
Chances are : 8
Higher!!

Enter your guess :
60
Chances are : 7
Higher!!

Enter your guess :
55
Chances are : 6
Higher!!

Enter your guess :
53
Chances are : 5
Higher!!

Enter your guess :
52
Chances are : 4
Higher!!

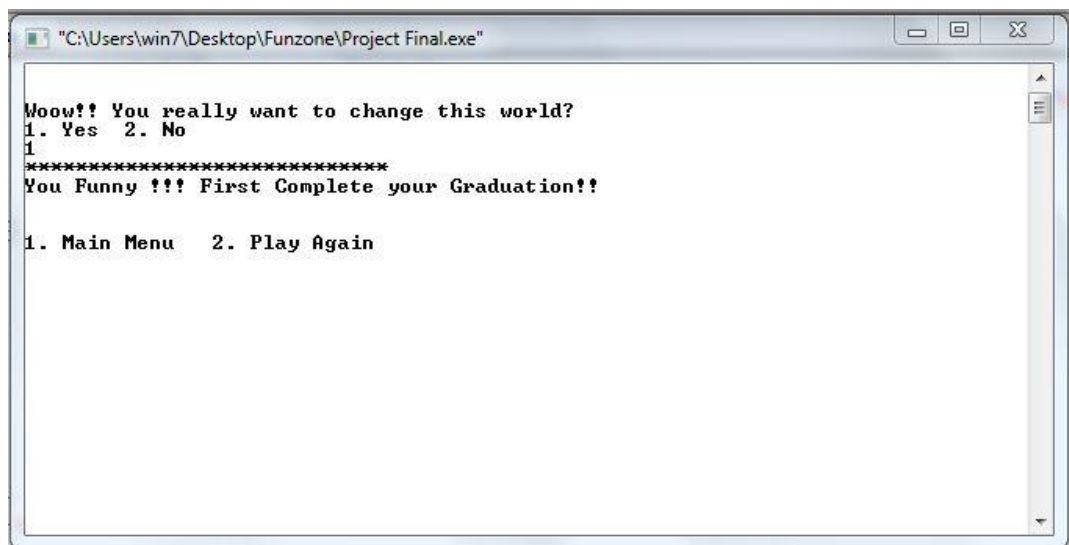
Enter your guess :
51
Remaining chances are : 3
Correct!!

1. Main Menu    2. Play Again
```

❖ *function **ctw();***

- *This function is created to maintain the game's fun.*
- *This function is created for fun and the code shows how it works.*

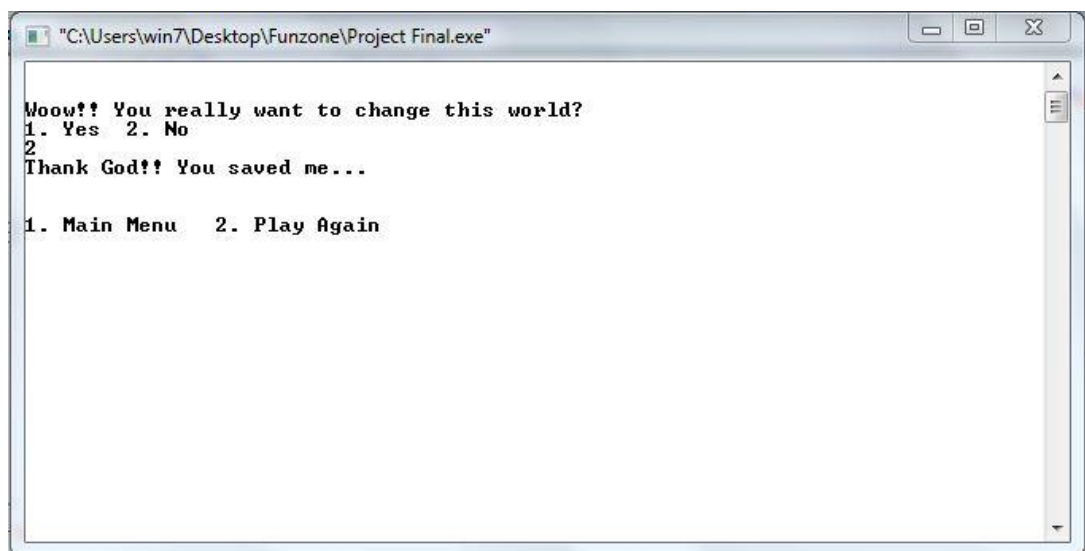
Example :



```
"C:\Users\win7\Desktop\Funzone\Project Final.exe"

Woow!! You really want to change this world?
1. Yes 2. No
1
*****
You Funny !!! First Complete your Graduation!!

1. Main Menu 2. Play Again
```



```
"C:\Users\win7\Desktop\Funzone\Project Final.exe"

Woow!! You really want to change this world?
1. Yes 2. No
2
Thank God!! You saved me...

1. Main Menu 2. Play Again
```

Conclusion :

The idea of this mini project is inspired from the Facebook Apps that give random names based on your profile name and date of birth, etc. We are inspired from it and spent our time to learn about the functions that can generate random numbers. And we also learnt some functions related to the working of Files.

After checking these functions, we planned a decent pseudo code that prints random name from a file. We found that it worked as planned and implemented the algorithm in the programming language **C**.

We shared our work and finally got the program as per our expectations.

Surya Kandikonda

Mahesh Allam