

## **PROJECT DESCRIPTION :**

This project “USE UR WITS!!!!” is an amalgamation of 4 all-time favorite games :

1. Hangman
2. Rapid-Fire
3. Untimed
4. Trivia

These games further are subdivided into various genres like celebrities, singers, world leaders, TV series and so on.

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First and foremost we have the game “HANGMAN” which helps one to extend their vocabulary , encourages problem solving, boosts working memory and most enjoyable to play.

The second game “RAPID-FIRE” enhances visual processing , improves cognitive function, increases one’s creativity .This game also keeps people on their feet as they need to have a quick thinking capacity which usually excites them.

The third game being “UNTIMED” is just like the name explicitly describes it to be. This quiz doesn’t pressure one by time limits and allows the player to leisurely progress and answer the questions hence allowing the player to analyze better.

Finally we have the fourth option of “TRIVIA” which you can play. This game is the ideal option for any player who aren’t intrigued to take quizzes but eager to learn facts. This game is both fun and informative as you can learn on topics ranging from the wonderful nations of Asia to unknown secrets about the cast of various critically acclaimed TV series that you know and love .

## **FUNCTIONS USED :**

- User Defined Functions used in hangman

### 1. getword()-

This UDF is used to get a word from the list of words given.

### 2. Play()-

This UDF contains all the programming required for the game of hangman. Which includes list of guessed words and guessed letters etc.

### 3. Displayhangman()-

This UDF contains each stage of hangman (pictorial version) for the game.

### 4. Main()-

This UDF is the main UDF which combines all the other UDF's to produce the final result.

## **FUNCTIONS USED :**

- User Defined Functions used in RapidFire

### 1.countdown()-

This UDF is used for setting the timer for the rapid fire quiz.

## **FILES USED :**

- **Text Files :**

1. greysanatomy\_trivia.txt –

It is used to provide random trivia facts on the long running American series “Greys Anatomy”.

2. countries\_of\_asia.txt –

This file is used to provide interesting facts about the wonderful nations of the Orient.

- **Binary Files:**

1. friends.dat –

This file is used to provide facts about the cast unknown to avid viewers of the legendary series “F.R.I.E.N.D.S” .

2. mentalist.dat –

This file is used to provide trivia facts on the critically acclaimed drama series “The Mentalist”.