

The user guide for the hangman game project

after running the code the main menu will be displayed:

```
the file was opened successfully !
1 - Play
2 - Exit
Choose Option (1 or 2):
```

The player has two options: 1 start the game or 2 exit the game.

If the player decided to start the game (option 1) then the next step is

```
the file was opened successfully !
1 - Play
2 - Exit
Choose Option (1 or 2): 1
Please Enter Word Length:
```

The player must choose the length of the word to be guessed.

If the player chooses the length of the word incorrectly the following message will be shown:

```
the file was opened successfully !
1 - Play
2 - Exit
Choose Option (1 or 2): 1
Please Enter Word Length: k
Invalid Word Length. Please enter a length between 1 and 16.
Please Enter Word Length: 17
Invalid Word Length. Please enter a length between 1 and 16.
Please Enter Word Length: █
```

After choosing the correct length the player must decide what is the difficulty level

```
the file was opened successfully !
1 - Play
2 - Exit
Choose Option (1 or 2): 1
Please Enter Word Length: 2
**

Choose Difficulty Level

1 - Default
2 - Special Level
```

There are two options.

- 1- Default which is 6
- 2- Special level, here the player is free to choose the number he wants.

What the player will choose in this step is the maximum number of allowed misses.

If the player wrong guesses number is equal to the maximum number of misses, then the game is over, and the player lost.

The next step is guessing the letters of the word.

Let say for example the player chooses length 2 and difficulty level 10.

Then the player can have a maximum of 10 wrong guesses.

```
1 - Default
2 - Special Level
2
Choose Difficulty: 10
Guess a letter for the word:
a
Incorrect guess! The letter 'a' is not in the word.
Guess a letter for the word:
o
Incorrect guess! The letter 'o' is not in the word.
Guess a letter for the word:
u
Incorrect guess! The letter 'u' is not in the word.
Guess a letter for the word:
i
Correct guess! The letter 'i' is in the word:
i*
Guess a letter for the word:
p
Incorrect guess! The letter 'p' is not in the word.
Guess a letter for the word:
f
Incorrect guess! The letter 'f' is not in the word.
Guess a letter for the word:
q
Incorrect guess! The letter 'q' is not in the word.
Guess a letter for the word:
l
Incorrect guess! The letter 'l' is not in the word.
Guess a letter for the word:
d
Incorrect guess! The letter 'd' is not in the word.
Guess a letter for the word:
t
Correct guess! The letter 't' is in the word:
it
Victory
correct guesses are :
it
the word is it
misses :
aoupfqld
1 - Play
2 - Exit
Choose Option (1 or 2):
```

In this example when the player guessed the first correct character the position of the correct letter was shown with the message (correct guess the letter is in the word), when the player guess is wrong the message (incorrect guess! the letter is not in the word) was shown.

When the player guessed the whole word then the victory message all the correct guesses and the misses were shown in the screen.

After that the player can choose whether he wants to start a new game or exit the game.

In the event that the player guesses were all wrong the message (game over) will be shown

For example:

```
1 - Play
2 - Exit
Choose Option (1 or 2): 1
Please Enter Word Length: 2
**

Choose Difficulty Level

1 - Default
2 - Special Level
2
Choose Difficulty: 3
Guess a letter for the word:
w
Incorrect guess! The letter 'w' is not in the word.
Guess a letter for the word:
w
Incorrect guess! The letter 'w' is not in the word.
Guess a letter for the word:
w
Incorrect guess! The letter 'w' is not in the word.
Game over
The word is: PC
No correct guess!
misses :
www

1 - Play
2 - Exit
Choose Option (1 or 2):
```

After the player guessed all the letters incorrectly, the game over message was shown in addition to the word and the misses he made.

