

# Quiz game requirements

- Needs main screen
  - o Logo
  - o Below logo play game, instructions, view high scores, quit
- Instructions will bring to another screen and says how to play the game.
- View high scores opens a text file called "scores.txt" reads the data and puts it in an array and puts the data in order. Quiz games should have name, percentage and quiz
- Quit
  - o Wants to actually quit the program
    - Put `con.close()`
  - o Only `con.close()` after every single loop and if statements are finished
    - Should be the very last line of code in the program
- Game
  - o Start off with main text file called "quizzes.txt"
    - Inside of this want file names of actual quizzes
      - Choose any topics you want for the quizzes like "marvel.txt"
      - These file names will refer to an actual file name which is separate from the quizzes.txt file
  - o Format of txt file
    - Question
    - Option a
    - Option b
    - Option c
    - Option d
    - Real answer
      - Real answer should match one of the options
    - Don't see the abcd in the file put instead the actual value
  - o Should be able to adapt to modification of data files
    - Read number of lines in file to setup array
  - o Should be 3 data files
- o Ask for their name
- o Show them which quizzes are available
  - They choose the quiz
- o Load the quiz into an array
- o Array will be 6 columns (questions, 4 possible answer, real answer) by x amount of rows for the number of questions
- o Show the question and the 4 possible answer
  - When they enter their response, compare to the real answer, if they match they get it right, if it doesn't match they get it wrong
- o Once you get to the bottom of the array then their test is over

- Print the name, percentage, and quiz name after the quiz is over on the screen and onto the high score file.
- Have a HUD during the game of their name, score, and percentage always on the screen
- At least have 10 questions but they all cannot be the same number of questions so one quiz can have 10 questions and the other can have 13

## The array

	Question	Option	Option	Option	Option	answer
Question 1						
Question 2						
Question 3						

## Organization of the text example

What does the "L" stand for in "DDR3L"? (question)

Lower voltage (option 1)

Longer module (option 2)

Longer lifespan (options 3)

Lower heat spreader (option 4)

Lower voltage (answer)

## Logo concept

