Interview - Take Home

The goal of this exercise is to get an overall feel for problem solving, design, ability to follow requirements and programming style of the applicant.

Assignment

Create a console application using a programming language of your choice that fulfills the following requirements:

- The console application should load a list of questions from a file (see below for question file format).
- The console application should quiz the end user one question at a time.
- The console application should present feedback for each question answered. Correct or Incorrect and state what the correct response to the question was.
- The console application should present an overall score when the last question has been answered.
- The console application should incorporate error handling.
- The console application should be unit tested.

Question File Format

Format

```
(QUESTION_NUBMER) QUESTION TEXT
RESPONSE_NUMBER. RESPONSE TEXT
RESPONSE_NUMBER. RESPONSE TEXT
RESPONSE_NUMBER. RESPONSE TEXT
RESPONSE_NUMBER. RESPONSE TEXT
CORRECT_RESPONSE_NUMBER
```

Example

```
(1) Question text?
1. First possible answer
2. Second possible answer
3. Third possible answer
4. Fourth possible answer
3
(3) What is the hex color for white?
1. #FFFFFF
2. #000000
```

1
(2) Question text?
etc...