There is only one question being asked SD keeping a tally of the correct answers is pointless unless I add another question.

Array. prototype.forEach()
method to iterate over
the questions array,
specifically the question
property and options
property

```
//TASK 8 PART 3
      const questions = [
        {
          question: "What colour is the sky?", froperty 1
          options: ["Purple", "Pink", "Blue", "Yellow"], Proferty
          correct: "Blue" Property 3
        }
      ];
     ·let correctAnswers = 0; // variable to store the number of correct answers
      questions.forEach(questionData => {
        const { question, options, correct } = questionData;
        let answer;
17
        let isCorrect = false; // flag to track whether the answer is correct
                                                            string. from CharCode converts a
    T00P
                                                              unicode value to a string
        do {
                                                             You could simpley write 'a', b.c.
          // Display the question and options to the user
                                                             However it is good practice to use
          console.log(question); Displays oftion property
21
    41
                                                            Unicode as it is a standardised way to
                                              { Lists options
                                                                            encode and represent
    圣
23
                                                    + index)}
                  converts o - indexing to
24
          });
                                                              E.g. You cannot represent characters
                 a, b, c list in relation to
                                                    0 - based
                                                     indexing
                                                               in Arabic or Chinese. So using
                                                              unicode makes it easer to work
          // Prompt the user to enter their answer
                                                                 with text in a globalised world.
          answer = prompt("Enter the letter of your answer:");
          // Check if the answer is valid (a letter between 'a' and the number of options)
          if (answer >= 'a' && answer <= String.fromCharCode(97 + options.length - 1)) {</pre>
            // Check if the answer is correct
                                                                        options
                                                                                       = 100
            if (options[answer_charCodeAt(0) - 97]
                                                     === correct) {
                                                                                       = d
              console.log("Correct!"); user enters c
                                                           - 97 => 2
                                                                                        in unicode
              isCorrect = true;
                                                                    index 2
                                                                                       code
                                                       (1)
                                                            (a)
              correctAnswers++; // increment the number of correct answers
                                                                                       Point
                                                                               Eranslated
                                                                             back to indexing
              console.log("Incorrect. Please try again.");
                                                                             for Javascript
          } else {
                                                                             10910
            console.log("Invalid answer. Please try again.");
        } while (!isCorrect);
42
      });
45
      // Display the score
      console.log(`You got ${correctAnswers} out of ${questions.length} questions correct.`);
```