**Performance Improvement Plan - Review**

**Name:**

Date:\_\_\_\_05/11/2020\_\_\_\_\_\_\_\_\_

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| ***AREA OF FOCUS/OBJECTIVES/ACTIONS*** | ***PROGRESS*** |
| To be able to articulate the characteristics of and use cases for :   * The Console * Data Types * Arithmetic Operators * String methods * Console, Math & Number objects * Variables * If statements * Switch statements | *You’ve shown you’re a lot clearer on explaining what things are and why we need/use them.*  *There’s definitely still some grey areas where you don’t quite understand the differences between built in objects and extension methods that are separate or part of those built in objects.*  *While it’s more important to be showing practical expertise with these things, it’s still important that you can describe and articulate what these things are. Please make sure you are reading up on the subject areas and referring back to previous discussions on these things.* |
| Show and write examples for:   * The Console * Data Types * Arithmetic Operators * String methods * Console, Math & Number objects * Variables * If statements * Switch statements   And be able to use these tools in proposed tasks without the aid of support. | You’re showing that you understand how to write data in the console, create variables and manipulating them.  You’ve shown that you struggling with switch statements which is something you should try to focus on.  When not sure on the answer, don’t guess and go against what you’ve already learnt. It doesn’t show that you are understanding the material if you start writing things you know won’t work. Make sure you are following a logical process, and then write the code afterwards.  Make sure you are being as descriptive as possible in your diary. Put questions in there too, if you’re not sure why something doesn’t work, make a note of it, research it and try and provide yourself with an answer. You can use sites like Stack Overflow to get human understandable answers to the sort of questions you’ve asked me previously. It means you’ll be able to fill in the blanks for yourself and start building a picture you can refer back to. |
| Demonstrate an ability to problem solve in the same key areas and offer solutions to problems using what has been learnt | As discussed, this is the weakest area. I want to see that you’re using a normal logical approach to the problem before you start to code. When attempting a task or piece of work you should map out what you need to do and then ask yourself questions on how to do it. Consider the following:  “Pick a random playing card from a pack of cards”  The first step in providing a solution to that is the logical steps you would take without code:   * Get all the cards * Shuffle the cards * Pick a card from a random position * Display the card   The questions would then become:   * How do I know what the cards are? * How to I ‘shuffle’ them * How to I get a random position? * How do I output the card value   Which in turn becomes:   * I need a list of cards * I need to randomise the order * I need to generate a random number between 1 and 52 * I need to get the card that falls at that position and output it   And so on. Eventually you’ll exhaust the questions and only be left with the answers. Try and make these sorts of notes as much as you can before attempting a task. |
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Additional comments: ……………………………………………………………………………………………………………………………………………………………………………………

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EMPLOYEE SIGNATURE: DATED:

MANAGER SIGNATURE: Oliver Fray DATED: 05/11/2020