EXTRA SELECTION TASKS  
Task 1

Knowing that you can generate random numbers with python using the following example: [https://stackoverflow.com/a/16376904.  (Links to an external site.)](https://stackoverflow.com/a/16376904)Create an application that will generate a random number, then ask the user to try and guess the number. If the user guesses the number correctly congratulate them. if the random number was greater or less than the guess tell the user how far off they where.

A screenshot of a cell phone

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Task 2

Knowing that you can see if a string is within another string using the following example: [https://stackoverflow.com/a/3437070. (Links to an external site.)](https://stackoverflow.com/a/3437070) Create an application that can take a word from the user, and tell them if it has any vowels (a, e, i, o or u)  
A screenshot of a computer screen

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Task 3

Create a simple calculator application. Ask the user which operation they would like to perform on two numbers (+, -, \*, /, ^), then ask the user for two numbers. Output the numbers either multiplied, summed, subtracted, divided, or powered depending on the operation the user selected.

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