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**QUESTION 4**

In q4.py, create a function *get\_prime\_numbers()* that takes in a list of integers, *num\_list*.

The function should return a **list of integers that are all prime numbers** (a prime number is a number that cannot be divided by any other number other than itself ).

You may assume that all the integers in num\_list are greater than 1, and that num\_list may be empty.

**QUESTION 5**

In q5.py, create a function *reformat\_string()* that takes in a string, *input\_string*.

The function should **return a new string in the same form as input\_string with the following changes**:

* All vowels (a,e,i,o,u) are in uppercase
* All non-vowels are in lowercase

You may assume that input\_string only contains alphabets that could be in either lowercase or uppercase.

**QUESTION 6**

In q6.py, create a function *count\_char()* that takes in 2 parameters:

* input\_string, a string containing only alphabets.
* char, a string containing a single lowercase alphabet.

The function will return an **integer**, which represents the t**otal number of times the character occurs in the string**; regardless of capitalization. (i.e. if char is ‘a’, ‘A’ and ‘a’ will be part of the count).