1- Print all numbers from 1 to N that is divisible by both 3 and 5.

2- Print “Even” if N is even. Print “Odd” if N is odd.

3- Print the are of the and the circumference of circle with given diameter.

4- Determine number of decimal digits in an unsigned integer. For example, 9 is a single digit, 66 has 2 digits and 128685 has 6 digits.

5- Find the given s is palindrome or not.

6- Find the given integer n is prime or not.

7- Create an ten by ten matrix(all elements are 0 win that matrix) and place 5 different 1’s in that array randomly.(You should watch out for not selecting same place again and again.)

8- Given an array of integers, return a new array such that each element at index i of the new array is the product of all the numbers in the original array except the one at i.
Solve it without using **division and in O(n) time** (O(n) time means that you can not use a loop inside the any loop).
For example, if our input was [1, 2, 3, 4, 5], the expected output would be [120, 60, 40, 30, 24]. If our input was [3, 2, 1], the expected output would be [2, 3, 6].

9- Given an integer, convert it to a roman numeral. Number will be between 1 and 3999. For example, 41 is “XLI” and 4 is “IV”.

10- Given a string of round, curly, and square open and closing brackets, return whether the brackets are balanced (well-formed).
For example, given the string "([])[]({})", you should return true. Given the string "([)]" or "(((()", you should return false.

11- You will be given a number and you will need to return it as a string in Expanded Form.
expandedForm 12 – Should return '10 + 2'
expandedForm 42 – Should return '40 + 2'
expandedForm 70304 – Should return '70000 + 300 + 4’

Sources codeforces.com and leetcode.com. Highly recommended two websites for improving your swift knowledge. Plus, some of these questions asked as interview questions at big companies in Silicon Valley like Facebook or Google.