

1) Write a loop that makes seven calls to console.log to output the following triangle:

```
#  
##  
###  
####  
#####  
#####  
#####
```

2)

Write a program that uses console.log to print all the numbers from 1 to 100, with two exceptions. For numbers divisible by 3, print "Fizz" instead of the number, and for numbers divisible by 5 (and not 3), print "Buzz" instead and "FizzBuzz" for numbers that are divisible by both 3 and 5.

3) Write a program that creates a string that represents an 8×8 grid, using newline characters to separate lines. At each position of the grid there is either a space or a “#” character. The characters should form a chess board. Passing this string to console.log should show something like this:

```
# # # # #  
# # # #  
# # # # #  
# # # #  
# # # # #  
# # # #  
# # # # #
```

4) A prime number (or a prime) is a natural number greater than 1 that has no positive divisors other than 1 and itself. Print all the prime number between 1-1000.

5) A Finobaccini number is a number that add itself and it's +1 , eg 1,1, 2., 3, 5, 8, 13, 21...

List the Finobaccini number between 1 - 100

6) Reverse a string. Eg: var string = **hello** .. reversed string will be **olleh**