

1. Write a function called `showNumbers` that takes a parameter called `limit`. It should print all the numbers between 0 and `limit` with a label to identify the even and odd numbers. For example, if the `limit` is 3, it should print: 0 EVEN 1 ODD 2 EVEN 3 ODD
2. Write a function that returns the sum of multiples of 3 and 5 between 0 and `limit` (parameter). For example, if `limit` is 20, it should return the sum of 3, 5, 6, 9, 10, 12, 15, 18, 20.
3. Write a function called `show_stars(rows)`. If `rows` is 5, it should print the following:\*\*\*\*\*
4. Write a function that prints all the prime numbers between 0 and `limit` where `limit` is a parameter.
5. Write a program (function!) that takes a list and returns a new list that contains all the elements of the first list minus all the duplicates.
6. Write a function to ask the user for a number and determine whether the number is prime or not.
7. Write a program that asks the user how many Fibonacci numbers to generate and then generates them.
8. Write a function that ask the user for a string and print out whether this string is a palindrome or not.
9. Write a function that takes an ordered list of numbers (a list where the elements are in order from smallest to largest) and another number.
10. Create a program that asks the user to enter their name and their age. Print out a message addressed to them that tells them the year that they will turn 100 years old.