Week 2 codeedex

Basic Level Tasks (Loops) \* Print numbers from 1 to 10 \* Print even numbers from 1 to 50 \* Print the multiplication table of a number \* Print all characters in a string \* Sum of numbers from 1 to 100 \* Count the number of vowels in a string \* Find the factorial of a number \* Print all elements of a list using a loop \* Reverse a string using a loop \* Check if a number is prime

Intermediate Level Tasks (loops) \* Fibonacci series up to N terms \* Print a triangle pattern of stars \* Find the sum of digits of a number \* Check if a string is a palindrome \* Find the largest and smallest number in a list \* Count the number of words in a sentence \* Generate a multiplication table from 1 to 10 \* Print only unique characters from a string

Advanced Level Tasks \* Armstrong Number Checker \* Check if two strings are anagrams \* Pattern printing: Diamond shape using loops \* Find all prime numbers between 1 and 100 \* Detect and count repeated characters in a string \* Find the second highest number in a list