1. [Area and Perimeter of a Circle](https://github.com/akshay-rajan/S1/blob/main/python/co1/area_peri.py)
2. [Swap 2 Numbers](https://github.com/akshay-rajan/S1/blob/main/python/co1/swap.py)
3. [Largest of 3 numbers](https://github.com/akshay-rajan/S1/blob/main/python/co1/largest.py)
4. [Arithmetic Operations](https://github.com/akshay-rajan/S1/blob/main/python/co1/arithmetic.py)
5. [First n Multiples](https://github.com/akshay-rajan/S1/blob/main/python/co1/multiples.py)
6. [Sum of first 100 even numbers](https://github.com/akshay-rajan/S1/blob/main/python/co1/evensum.py)
7. [Factorial](https://github.com/akshay-rajan/S1/blob/main/python/co1/factorial.py)
8. [Number of digits](https://github.com/akshay-rajan/S1/blob/main/python/co1/digits.py)
9. To check whether an year is leap year or not
10. To find the roots of a quadratic equation
11. [Exchange first and last characters in a string](https://github.com/akshay-rajan/S1/blob/main/python/co1/q9_string_exchange.py)
12. [Display first and last colours from a list of comma-separated colour names](https://github.com/akshay-rajan/S1/blob/main/python/co1/q13_colors.py)
13. [Create a single string from two strings, swapping the character at position 1](https://github.com/akshay-rajan/S1/blob/main/python/co1/q16_string_concat.py)
14. [Sort dictionary (ascending and descending)](https://github.com/akshay-rajan/S1/blob/main/python/co1/q17_dict_sort.py)
15. [Merge two dictionaries](https://github.com/akshay-rajan/S1/blob/main/python/co1/q18_dict_merge.py)
16. [GCD of 2 numbers](https://github.com/akshay-rajan/S1/blob/main/python/co1/q19_gcd_euclidean.py)
17. [From a list, create a list removing all even numbers](https://github.com/akshay-rajan/S1/blob/main/python/co1/q20_list-even.py)

[**CO2**](https://github.com/akshay-rajan/S1/blob/main/python/co2)

1. [Factorial using function](https://github.com/akshay-rajan/S1/blob/main/python/co2/q1_fact_rec.py)
2. [Fibonacci series of N terms](https://github.com/akshay-rajan/S1/blob/main/python/co2/q2_fib_rec.py)
3. [Character frequency in a string](https://github.com/akshay-rajan/S1/blob/main/python/co2/q6_charfreq.py)
4. [Add ‘ing’ at the end of a given string. If it already ends with ‘ing’, add ‘ly’](https://github.com/akshay-rajan/S1/blob/main/python/co2/q7_ing.py)
5. [Construct the pattern using nested loop](https://github.com/akshay-rajan/S1/blob/main/python/co2/q9_pattern.py)

[**CO3**](https://github.com/akshay-rajan/S1/blob/main/python/co3)

1. [graphics (packages)](https://github.com/akshay-rajan/S1/blob/main/python/co3/packages)

[**CO4**](https://github.com/akshay-rajan/S1/blob/main/python/co4)

1. [Bank account (Constructor and Methods)](https://github.com/akshay-rajan/S1/blob/main/python/co4/bank.py)
2. [Time (Private attributes, Overloading)](https://github.com/akshay-rajan/S1/blob/main/python/co4/time.py)
3. [Publisher, Book, Python (Base class constructor invocation, method overriding)](https://github.com/akshay-rajan/S1/blob/main/python/co4/book.py)

[**CO5**](https://github.com/akshay-rajan/S1/blob/main/python/co5)

1. [Copy odd lines of one file to another](https://github.com/akshay-rajan/S1/blob/main/python/co5/odd.py)
2. [Read each row from a given csv file and print it as a list of strings](https://github.com/akshay-rajan/S1/blob/main/python/co5/readcsv.py)
3. [Read specific columns of a given CSV file and print their contents](https://github.com/akshay-rajan/S1/blob/main/python/co5/csv_col_pandas.py)
4. [Write a Python dictionary to a CSV file, read the CSV and display its content](https://github.com/akshay-rajan/S1/blob/main/python/co5/dict_to_csv.py)