Part A:

1. Print numbers from 1 to 10 using a for loop.
2. Write a function to add two numbers and return the result.
3. Use a while loop to print the first 5 even numbers.
4. Write a program to calculate the sum of numbers from 1 to 20 using a for loop.
5. Create a function to check if a number is positive or negative.
6. Write a program to print the multiplication table for the number 11.
7. Write a program to print all numbers between 1 and 10 except 5 (use an if condition).
8. Create a function that returns the square of a given number.
9. Use a for loop to print each character in the string "Python".
10. Write a program to find the smallest number in a list using a for loop.

Part B:

1. Write a program that prints all numbers between 1 and 50 that are divisible by 3.
2. Use a while loop to print the sum of all even numbers from 1 to 100.
3. Create a program that prints the reverse of a given string using a for loop.
4. Write a program to count how many times the number 7 appears in a list using a while loop.
5. Use a for loop to print the multiplication table for a given number.
6. Write a program to print the first 10 terms of the Fibonacci sequence using a while loop.
7. Create a program that prints all prime numbers between 1 and 100 using a for loop.
8. Use a while loop to find the factorial of a number entered by the user.
9. Write a program that finds the sum of digits in a number using a while loop.
10. Create a program that prints a pattern of stars in the following format using a for loop:

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*
**
***
****
*****
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