Sheet 1

1. Create variables to store your name, age, and height. Print them in a sentence like: "My name is [name], I am [age] years old, and I am [height] cm tall."

2. Write a program that takes two numbers as input and prints their sum, difference, product, and quotient

3. Take three numbers as input and print the largest one.

4. Write a program to check if a given year is a leap year. (A leap year is divisible by 4 but not by 100, unless it is also divisible by 400.)

5. Write a program that takes a number as input and prints a countdown from that number to 0 using a while loop

6. Write a program to print the multiplication table of a given number using a for loop

7. Write a program to calculate the factorial of a number using a for loop.

Sheet 1

8. Write a program to check if a given string or number is a palindrome (reads the same backward as forward).

9. Write a program to print the following patterns using nested loops:

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*  *  *

*  *  *  *

*  *  *  *  *
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