CODING AGE

Function Practice set:

Q1. Write a program to call a function to print "Hello World".

Output: Hello World

Q2. Write a program to take a number from the user and return the factorial of the given number using a function.

Input: N = 3

Output: 6 (i.e., 1 × 2 × 3)

Q3. Print numbers from 1 to 10 using a function.

Output: 1 2 3 4 5 6 7 8 9 10

Q4. Take a number from the user and return the sum of all numbers up to the given number using a function.

Input: num = 4

Output: 10 (i.e., 1 + 2 + 3 + 4)

Q5. Write a program to call a function that returns the addition of two numbers and print the result.

Input: a = 58, b = 20

Output: 78

Q6. Write a program to take a number from the user and return the count of digits in that number using a function.

Input: num = 1835

Output: Digit count = 4

Q7. Explain Return Type Function and Non-Return Type Function.

Q8. How to declare and define a function together?

Q9. Write a program to take a number from the user and reverse that number.

Input: num = 435

Output: Reverse num = 534

Q10. Write a program to take two numbers from the user, one as a base and the other as a power, then calculate and print the result using a function.

Input: base = 2, power = 3

Output: 8 (i.e., 2 × 2 × 2 = 8)

Q11. Write a program to call a function that prints the following pattern.

Input: n = 3

Output:

* * *

* * *

* * *

Q13. Write a function to check whether a number is even or odd.

Input: num = 7

Output: odd

Q14. Write a program that defines two functions:

- One function that returns the quotient when dividing two numbers.
- One function that returns the remainder when dividing two numbers.**Input:**
  a = 240
  b = 8
