Functions Assignment – 1

Q1. Write a function add\_numbers(a, b) that takes two arguments and returns their sum.

Q2. Write a function is\_even(n) that takes an integer and returns True if the number is even, otherwise False.

Q3. Write a function factorial(n) that takes a non-negative integer and returns its factorial.

Q4. Write a function max\_of\_two(a, b) that takes two numbers and returns the larger of the two.

Q5. Write a function count\_vowels(s) that takes a string and returns the number of vowels in the string.

Q6. Write a function celsius\_to\_fahrenheit(c) that takes a temperature in Celsius and returns the temperature in Fahrenheit. (Formula: F = C \* 9/5 + 32)

Q7. Write a function multiplication\_table(n) that takes an integer and prints its multiplication table from 1 to 10.