

Functions (Assignment Questions)

Question 1: Write a function to check if a number is a palindrome in C++. (121 is a palindrome, 321 is not)

A number is called a palindrome if the number is equal to the reverse of a number. Eg: 121 is a palindrome because the reverse of 121 is 121 itself. On the other hand, 321 is not a palindrome because the reverse of 321 is 123, which is not equal to 321.

Question 2: Write a function to calculate the sum of digits of a number.

Question 3: Write a function which takes 2 numbers as parameters (a & b) and outputs: $a^2 + b^2 + 2*ab$.

Question 4: Write a function that prints the largest of 3 numbers.

Question 5: Write a function that accepts a character (ch) as parameters & returns the character that occurs after ch in the English alphabet.

Eg: input = 'c', return value = 'd'

Note: for ch = 'z', return 'a'.