Questions using while loop:

1. Write a program that inputs a value in an integer number from user. For this number the program returns the count for how many times can we divide this number by 2 to get down to 1".
2. Write a C++ program that prompts the user to enter an integer and then calculates and displays the number of digits in that integer using a while loop. Ensure the program correctly handles both positive and negative numbers, as well as zero.
3. Write a program which reads an integer n from the user, and prints square value (n*n) for that number. Whenever ZERO is entered by the user program should terminate by printing "Invalid Value" message.
4. Write a program that prints the cube of a number in the range 1-30 only if the number is divisible by 3 using continue statement.
5. Write a program that takes an integer as input and outputs its reverse. Use a while loop to extract each digit and reverse the number.

   Example:

   - Input: 1234

   - Output: 4321

6. Write a program that calculates the sum of digits of a given positive integer using a while loop.
   Example:
   Input: 543
   Output: 12 (since 5+4+3=12)