1. Write a program to print numbers from 1 to 10.
2. Write a program to calculate the sum of first 10 natural number.
3. Write a program that prompts the user to input a positive integer. It should then print the multiplication table of that number.
4. Write a program to find the factorial value of any number entered through the keyboard.
5. Two numbers are entered through the keyboard. Write a program to find the value of one number raised to the power of another. (Do not use Java built-in method)
6. Write a program that prompts the user to input an integer and then outputs the number with the digits reversed. For example, if the input is 12345, the output should be 54321.
7. Write a program that reads a set of integers, and then prints the sum of the even and odd integers.
8. Write a program that prompts the user to input a positive integer. It should then output a message indicating whether the number is a prime number.
9. Write a do-while loop that asks the user to enter two numbers. The numbers should be added and the sum displayed. The loop should ask the user whether he or she wishes to perform the operation again. If so, the loop should repeat; otherwise it should terminate.
10. Write a program to enter the numbers till the user wants and at the end it should display the count of positive, negative and zeros entered.
11. Write a program to enter the numbers till the user wants and at the end the program should display the largest and smallest numbers entered.
12. Write a program to calculate the sum of following series where n is input by user.   
    1/1 + 1/2 + 1/3 + 1/4 + 1/5 +…………1/n
13. Compute the natural logarithm of 2, by adding up to n terms in the series  
    1 - 1/2 + 1/3 - 1/4 + 1/5 -... 1/n  
    where n is a positive integer and input by user.
14. Write a program that generates a random number and asks the user to guess what the number is. If the user's guess is higher than the random number, the program should display "Too high, try again." If the user's guess is lower than the random number, the program should display "Too low, try again." The program should use a loop that repeats until the user correctly guesses the random number.
15. Write a program to find how many vowels and how many consonants are in a given string.
16. Write a program called **SumAverageRunningInt** to produce the sum of 1, 2, 3, ..., to 100. Store 1 and 100 in variables lowerbound and upperbound, so that we can change their values easily. Also compute and display the average. The output shall look like:

The sum of 1 to 100 is 5050

The average is 50.5