Problem 1: Write a program that reads two integers and outputs the largest.

Problem 2: Write a program that reads three integers and outputs the largest.

Problem 3: Write a program that reads two integers and outputs them in increasing order.

Problem 4: Write a program that reads three integers and outputs them in increasing order.

Problem 5: Write a program that reads two integers and outputs the smallest.

Problem 6: Write a program that reads three integers and outputs the smallest.

Problem 7: Write a program that reads two integers and outputs them in decreasing order.

Problem 8: Write a program that reads three integers and outputs them in decreasing order.

Problem 9: Write a program that reads three integers and prints the average of these.

Problem 10: Write a program that reads the score of a student in a subject and displays his grade according to the following criteria:

Score	Grade
>= 90	A+
80 – 89	A
70 – 79	B+
60 – 69	B
50 – 59	C
< 50	F

Problem 11: Write a program that reads the user's age and then outputs "You are a child." if the age < 18, "You are an adult." if age < 65, and "You are a senior citizen." if age >= 65.

Problem 12: Write and run a program that simulates a simple calculator. It reads two integers and a character. If the character is a +, the sum is printed; if it is a -, the difference is printed; if it is a *, the product is printed; and if it is a /, the quotient is printed.

Problem 13: Write a program that input an integer as an argument and returns True if the argument is an even number and False if it is odd.

Problem 14: A year is a leap year if it is divisible by 4 unless it is a century that is not divisible by 400. Write a program that input a year as a parameter and returns 'True' if the year is a leap year, False otherwise.

Problem 15: Quadratic Equation can be represented as :

$$ax2 + bx + c = 0$$

Find the values of the x using following formula. (take all constants as input)

Problem 16: Develop the algorithm of a program that determines the gross pay an employees. The company pays "straight time" for the first 40 hours worked by each employee and pays "time- and-a- half" for all hours worked in excess of 40 hours. Input the number of hours each employee worked last week and the hourly rate of employee. Your program should input this information for employee and should determine and display the employee's gross pay.

Output:
Enter hours worked (-1 to end): 41
Enter hourly rate of the employee (Rs. 000.00): 100.00
Salary is Rs. 4,150National University of Computer and Emerging Sciences (FAST-NU)

Problem 17: Write a program that input a number n and print series from 1 to n.

Problem 18: Write a program that reads a number n and displays the odd numbers till n.

Problem 19: Write a program that reads a number n and displays even number till n.

Problem 20: Write a program that reads a number and displays its table.

Problem 21: Write a program that prints the following series.
1,0,3,3,2,6,5,4,9,.....…

Problem 22: Write a program that prints factorial of number n

Problem 23: Write a program that takes input base and exponent as input and display the computed value. You are not allowed to use the ** operator.

Problem 24: Write a program that reads n numbers and displays their min value.

Problem 25: Write a program that reads n numbers and displays their max value.

Problem 26: Write a program that reads n numbers and displays their average value.