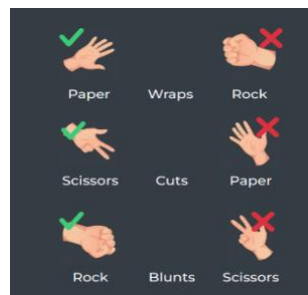1) Write a program that reads an amount A and prints the minimum number of 500, 50, 10 and 1 rupee notes required for the given amount.

2) It was Raj's first day at school. His teacher Anu asked the students to meet every other student in the class and introduce themselves. The teacher asked them to do handshakes when they meet each other. Write a program that reads an integer N and prints the number of handshakes made by the students.

3) Write a program to print the given input word N times in a single line separated by space.

4) Abhinav and Anjali are playing a game called Rock-PaperScissors. It's a hand game usually played between two people. In this game, they both show their hands in one of three ways: Rock, Paper, or Scissors. For example, If Abhinav shows Rock and Anjali shows Scissors, Abhinav wins because Rock blunts Scissors. If Anjali shows Paper and Abhinav shows Scissors, Abhinav wins because Scissors cut Paper. If Abhinav shows Paper and Anjali shows Rock, Abhinav wins because Paper wraps Rock. If both players show the same thing, it's a tie. For example, if Abhinav and Anjali both show Rock, it's a tie.

Write a program that reads two strings representing what Abhinav and Anjali showed and prints the winner of the game based on the shapes the players choose.

5) Write a program that reads a number N and prints the number 0 N times on N lines.

6) Write a program that reads a number N and prints N Natural Numbers from 1

Note: All the positive numbers from 1 are called Natural Numbers.

7) Given two integer numbers M and N, write a program to print the integers from M to N.

8) Write a program that reads a number N and prints the average of N numbers from 1.

       N numbers from 1 / Count of numbers (N)
        Example: If N 3 , the average of 3 numbers from 1
       Average = (1 + 2 + 3) / 3 = 2.0

9) Write a program that reads a number N and prints the cube of N numbers from 1.

The cube of a number X is X to the power of 3. (X^3)

10) Given two integers M and N, write a program to print a solid rectangle pattern of M rows and N columns using the asterisk character (*).

11) Write a program that reads a number N and prints 10 numbers after N .

12) Write a program that reads a word and prints each character of the word in a new line.

13) Given an integer N, write a program which reads N inputs and prints them.

14) Read the number N console the sum of numbers from 1 to N

Sample Input :   Output :
3   6   (1+2+3)

15) Read the number N console the Product of numbers from 1 to N

Sample Input: Output :
3   6 (1*2*3)

16) Write a program that reads a string and prints the first character of the given string on N lines, where N is the length of the given string.

17) Write a program that reads a string and prints each character of the given string on a new line.