



# CS1002 – Programming Fundamentals

Lecture # 07  
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FAST – NUCES, Faisalabad Campus

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# Problem\_01

- Write down pseudocode of a program that will roll two dices and add the numbers that appear on the top. If the sum is odd and greater than 8 the player wins a chocolate, otherwise two chocolates. If the number is even, he/she will win an ice cream
- Draw a flow chart as well

## Problem\_02

- Write down the pseudocode for a program in which player will roll a dice for 5 times and all the numbers that appear on the top will be added. If the sum of 5 turns is divisible by 3 and odd the player wins otherwise player loses
- Draw the flow chart for above given program

## Problem\_03

- White down pseudocode for a game in which a player keeps on rolling the dice until 1 shows up. All the numbers are added together and shown as the total score made by the player excluding the 1 that terminated the game.
- Draw the flowchart as well

## Problem\_04

- Write down pseudocode for a program that takes three numbers from the user and tells which one is the largest. Checks if the sum is odd or even. The program keeps on taking three numbers from the user for 5 time.

## Problem\_05

- Write down the pseudocode of the phenomenon of a person entering his home. The person unlocks the main door. Drives the car in and park it in the porch. Then he leaves his car and picks up the grocery from the back seat if he has got any. Opens the door of the lobby and switches on the light if it is not on already. Moves to the TV lounge and switches on the TV if it is 8:00 PM or above. The TV starts at channel 0. The person keeps on scrolling to next channel until he finds ABC new. Sits and enjoys the new.

## Problem\_06

- Write down a program that will take some numbers as input from the user one by one and will tell the user which number was maximum and minimum of all the entered numbers.
- The count of the numbers that the user is interested to compare will be given by the user at the start of the program

# Questions

