

# Programming in C – Week 3

Dated: 25-04-09

Attempt any all questions.

Wiping your tears with the question paper is not allowed!!

Q1. Ask the user to input letters until they type 'Q'. Convert lowercase letters to uppercase.

Q2. Using a for loop print numbers from 1 to 50. For multiples of 5, print "Buzz" instead of the number.

Q3. Write a program to print a right angled triangle with asterisk ("\*") using a for loop.

Q4. Similar to question 3, write a program that prints the right angled triangle upside down.

Q5. A person saves \$100 every month. Print the total saved at the end of each month for a year.

Q6. Given a list of 5 passwords, print if each password is “Weak”, “Medium”, or “Strong” based on its length.

## Q7. Rock, Paper, Scissors

- Player vs Computer.
- Computer randomly picks rock, paper, or scissors.
- Player inputs their choice.
- Use if-else to decide the winner.
- Add a score counter to track who wins best of 3 or 5.