

## 1st Floor, Plot no 21, Manav Ashram Colony, Vasundhara Colony, GopalPura Mode, Jaipur, Rajasthan 302018

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- Q.1 Write a program for Validates a password based on length weak or strong?
- Q.2 Determines the largest among three numbers. ?
- Q.3 Determines a student's grade based on their score: A (90-100), B (80-89), C (70-79), D (60-69), F (below 60). ?
- Q.4 Write a program that calculates the ticket price based on age with the following conditions: age below 12 pay a ticket price of 5, age below 18 pay a ticket price of 10, age below 60 pay a ticket price of 20, age over 60 play a ticket price of 15?
- Q.5 Write a program that Outputs the day of the week corresponding to a given number (1 for Monday, 2 for Tuesday, 7 for sunday.). ?
- Q.6 Write a for loop to print numbers from user defined range in reverse order using prompt?
- Q.7 Write a for loop to calculate the sum of odd numbers & sum of even number from 1 to 50. ?
- Q.8 Write a for loop to calculate the sum of squares of numbers from 1 to 10.?
- Q.9 Write a for loop to calculate the factorial of a given number by user using prompt?
- Q.10 Write a for loop to calculate the sum of numbers from 1 to 100 but stop adding when value exceed 2000?
- Q.11 Write a program that calculates a discount based on the purchase amount. Prices equal or over 100 discount have a discount of 20. Prices equal or over 50 have a discount of 10. Otherwise discount is 0(zero)?