

**Q1:** Take number from user and count the digits of that number.

**Q2:** Take number from user in integer variable and check whether the central digit is odd or even. if the entered number is even digits suppose number is 123456, then add two central digits that are 3 and 4, and check whether their sum is even or odd.

**Q3:** Take number from user and check whether its first and last digit are equal or not. NOTE: number should be greater than 2 digits. if user enter wrong number, then ask user to enter again by showing him/her error message.

**Q4:** Take number from user and print it in reverse format.

**Q5:** Take number from user and print the sum of its half digits.

**Q6:** Take number from user and display the product of its all digits.

**Q7:** Take 3 digits number from user and print whether it is armstrong number or not.  
suppose:

Entered number is 371, take cube of each digit and display the sum of it. if the sum is equals to the original number then it is armstrong number.

$$27+343+1 = 371$$

**Q8:** Take number from user and check whether the number is palindrome or not. If the reverse number is equals to original number then its a palindrome number.

Suppose: 343, 9669, 12321