### **Beginner Level:**

1. **Reverse of a number using toString, split, reverse, and join methods.**
2. **Find the number of digits of a given number using toString() and the length property.**
3. **Write a program to convert all characters in a string to uppercase and print the modified string.**
4. **Write a program to print the number of characters in a string.**  
   Example: Input: 'Hello' → Output: 5
5. **Remove all spaces from a given string.**
6. **Remove single spaces from a given sentence.**
7. **Write a program to search for a string in a sentence (case insensitive).**
8. **Write a program to convert a sample sentence string into an array of words.**  
   Example: Input: 'Hello World' → Output: ['Hello', 'World']

### **Intermediate Level:**

1. **Print the number of words in a given string.**
2. **Write a program to eliminate all numeric characters from a string.**  
   Example: Input: 'Q1STR5684A' → Output: 'QSTRAK'
3. **Write a program to print only numeric characters from a string.**  
   Example: Input: 'Q1STR5684AK' → Output: '15684'
4. **Check if a given string is a valid Gmail ID.**
5. **Write a program to count all alphabets in a given string (not words).**
6. **Write a program to sort the characters of a given string alphabetically.**  
   Example: Input: 'praveen' → Output: 'aeenprv'
7. **Eliminate duplicate characters in a given string.**  
   Example: Input: 'praveengubbala' → Output: 'pravengubl'
8. **Write a program to print all words in a string in alphabetical order.**
9. **Write a program to print unique words and count repetitions in a string.**

### **Advanced Level:**

1. **Write a program to replace all vowels in a string with 8.**  
   Example: Input: 'This is awesome' → Output: 'Th8s 8s 8w8s8m8'
2. **Write a program to take a 16-digit credit card number and replace the first 12 digits with X.**  
   Example: Input: '9765143265387960' → Output: 'XXXXXXXXXXXX7960'
3. **Write a program to hide the middle six digits of a phone number.**  
   Example: Input: '9876543210' → Output: '98XXXXXX10'
4. **Append the Indian calling code +91 to a given phone number.**  
   Example: Input: '9876543210' → Output: '+919876543210'
5. **Check if a number is a valid phone number.**  
   Criteria:
   * Must be 10 digits.
   * Must not contain letters.
6. **Check if a number is a valid credit card number.**  
   Criteria:
   * Must be 16 digits.
   * Must not contain letters.
7. **Write a program to add hyphens (-) between groups of 4 digits in a credit card number.**  
   Example: Input: '6484638463487486' → Output: '6484-6384-6348-7486'