# Python Regex (Regular Expressions) Assignments

1. 1. Write a Python program to check if a string contains only letters (a-z, A-Z).
2. 2. Write a Python program to check if a string contains a valid email address.
3. 3. Write a Python program to extract all numbers from a given string.
4. 4. Write a Python program to find all words starting with a capital letter in a text.
5. 5. Write a Python program to validate a phone number (e.g., 10-digit number).
6. 6. Write a Python program to split a string where there is a space, comma, or semicolon.
7. 7. Write a Python program to remove all non-alphanumeric characters from a string.
8. 8. Write a Python program to extract dates in 'dd-mm-yyyy' format from a given text.
9. 9. Write a Python program to find and replace all occurrences of a word in a text using regex.
10. 10. Write a Python program to validate a strong password (at least 8 characters, includes uppercase, lowercase, digit, and special character).