**Programming Requirement ABC Loan App**

ABC Loan Co. needs an App that will calculate the loan amount after applying loan interest rate money.

Required classes, attributes, and methods

1. Loan Constants: - A loan constant is used to set the loan terms for 1, 3, 5 years. Moreover, loan constant will be used fixing maximum loan amount and if any loan amount will go above the limit, then will be set to maximum limit.
2. Loan: - A loan class will be used to get the loan number, customer last name, loan amount, interest rate, loan term, and calculates the monthly loan amount due and total loan amount paid at the end of loan term. All properties must be private but can be accessed through setter and getters. Loan class will use Loan Constants for appropriate fields.
3. Business Loan: - A business loan class is used to set the interest rate increased by 1% on prime interest rate.
4. Personal Loan: - A Personal loan class is used to set the interest rate increased by 2% on prime interest rate.
5. Create Loan: - Create loan class will perform all the necessary display operations by using the methods declared in other classes.

Other functionality of App

The application should be tested for other invalid inputs and should be able to handle with nice user-friendly message. Moreover, Application should be able to store the data in a binary file once user enters 5 loan applications. A test report should be attached.