1. Design and implement a class Account for bank accounts. It should have the following properties.

(a) It should have an integer budget value.

(b) It should have two constructors. One with single integer argument and sets that value to its budget and one with no argument and sets 0 to the budget.

(c) It should have two public methods for withdrawing and depositing money from/to the account.

2. Add two other classes that inherits from the Account class, namely Vadeli and Vadesiz classes.

- Vadeli class should have a time property that shows duration in terms of days (e.g., 30, 100, 365...)
- Vadesiz class should have a plusMoney value such that if not enough money left in the account, you may use that value as a credit.
- Override withdraw function in Vadesiz class to allow negative budget up to plusMoney value.

3. Write a test program as a console application that creates at least two different accounts (vadeli and vadesiz) and apply withdraw/deposit methods. You should handle and test the case where you try to withdraw more money than the budget.