

BITS PILANI, DUBAI CAMPUS

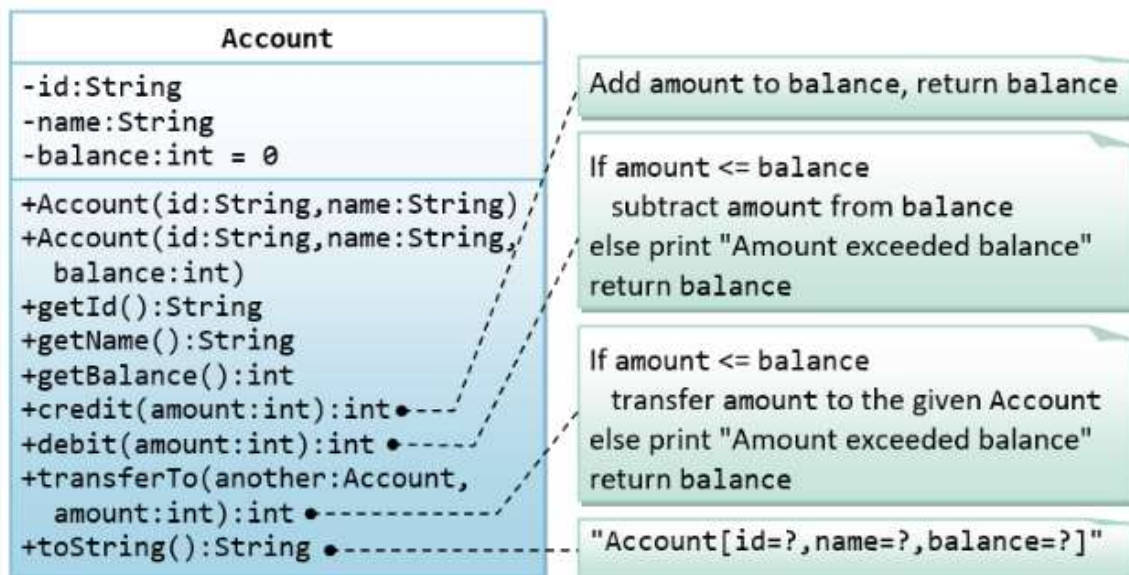
DUBAI INTERNATIONAL ACADEMIC CITY, DUBAI

FIRST SEMESTER 2025 – 2026

COURSE: CSF213/ECOM213/MACF212 (Object Oriented Programming)

COMPONENT: Lab 4 Week: 4 Batch 1

1. A class called Account, which models a bank account of a customer, is designed as shown in the following class diagram. The methods credit(amount) and debit(amount) add or subtract the given amount to the balance. The method transferTo(anotherAccount, amount) transfers the given amount from this Account to the given anotherAccount. Write the Account class.



Write a Tester class which will create two objects of this class and test all the methods. The credit account method must add an amount to the account. The Debit method must debit an amount from the account and transfer amount will transfer a certain amount from one account to the other.

2. Given two strings, append them together (known as "concatenation") and return the result. However, if the strings are different lengths, omit chars from the longer string so it is the same length as the shorter string. So "Hello" and "Hi" yield "loHi". The strings may be any length.