CSE 110 Online B2 (C++ Class)

Create a class Bank_Account with the following private attributes,

> **Id:** an integer to determine account holder id
> **Name:** account holder name
> **Amount:** Current balance of that account

Implement the following methods in your class (You might need to add other methods if necessary)

Constructor➜ appropriate constructor to initialize a class object with an Id, name and initial amount
void deposit (int a) ➜ deposit amount a into this bank account
void withdraw (int a) ➜ withdraw amount a from this account, prints a error message if this amount is not available
void transfer (Bank_Account A, int a) ➜ Transfer amount a from this account to Bank_account A, prints a error message if this amount is not available in this account
void print () ➜ show the account id, name and current balance of this account

You have to create a utility menu in the console to run these operations (in infinite loop). For example

c 1 Alex 1200 ➜ Create an account with id 1, name Alex and initial amount 1200

w 1 600 ➜ Withdraw 600 from account id 1

d 1 1000 ➜ Deposit amount 1000 in account id 1

t 1 2 500 ➜ Transfer amount 500 from account id 1 to 2

s 1 ➜ show information about account id 1

e ➜ exit

Sample input	Corresponding output
c 1 Alex 1200	You can not withdraw 500 from account 1
w 1 1000	Id: 1 Name: Alex Current amount: 200
w 1 500	Cannot transfer amount 4000 from account 1 to 3
s 1	Id: 1 Name: Alex Current amount: 1200
c 2 Brad 2000	Id: 2 Name: Brad Current amount: 2200
d 2 1200	Id: 3 Name: Charlie Current amount: 5000
t 2 1 1000	
c 3 Charlie 5000	
t 1 3 4000	
s 1	
s 2	
s 3	
e	