

1. Copy the folder Pract7D from blackboard to your computer, open it and examine and run the code.
2. We can create arrays of objects. Create an Array of 10 BankAccount objects

```
BankAccount[] accounts = new BankAccount[10];
```

3. Load the Array with BankAccount objects with account numbers 1 to 10 and balances of 0.0.

```
//load the array with BankAccount objects
for(int i = 0; i < accounts.length; i++)
{
    accounts[i] = new BankAccount(i + 1);
}
```

4. Display the number and balance of each BankAccount

```
//display the array with BankAccount objects
for(int i = 0; i < accounts.length; i++)
{
    System.out.println("Acc#" + accounts[i].getAccNumber()
        + " Balance €" + accounts[i].getBalance());
}
```

5. Allow the user to select the following options from a menu until the user selects quit. Build in error checking into your code.
 1. View details of **all** accounts
 2. View details of **one** account
 3. Deposit
 4. Withdraw
 5. Quit

If the user wants to deposit, withdraw or view the balance of an account the user should be prompted for the account number and the amount. If the account is not found an appropriate message should be displayed.