

Practical 7 July

1) Create a class named 'BankAccount' with the following data members -

- 1 - Name of depositor
- 2 - Address of depositor
- 3 - Type of account
- 4 - Balance in account
- 5 - Number of transactions
- 6 - Account number

Class 'BankAccount' has a method for each of the following -

- 1 - Generate a unique account number for each depositor
For the first depositor, the account number will be BA1000, for the second depositor it will be BA1001 and so on.
- 2 - Display information and balance of depositor
- 3 - Deposit amount in the account of a depositor
- 4 - Withdraw some amount from balance deposited
- 5 - Change address of depositor

After creating the class, do the following operations -

- 1 - Enter the information (name, address, type of account, balance) of the depositors. Number of depositors is to be entered by the user.
- 2 - Print the information of any depositor.
- 3 - Add some amount to the account of any depositor and then display the final information of that depositor.
- 4 - Remove some amount from the account of any depositor and then display the final information of that depositor.
- 5 - Change the address of any depositor and then display the final information of that depositor.
- 6 - Randomly repeat these processes for some other bank accounts and after that print the total number of transactions.

2) Your job is to take code snippets from the pool and place them into the blank lines of code and output. You may use the same snippet more than once, and you won't need to use all snippets. Your goal is to make a set of classes that will compile and run and produce the output listed.

```

_____ Nose {
    _____
}

abstract class Picasso implements _____{
    _____
    return 7;
}

class _____ { }

class _____ {
    _____
    return 5;
}

public _____ extends Clowns {

    public static void main(String [] args) {

        _____
        i[0] = new _____
        i[1] = new _____
        i[2] = new _____
        for(int x = 0; x < 3; x++) {
            System.out.println(_____
                + " " + _____getClass( ) );
        }
    }
}

```

Output

```

File Edit Window Help BeAfrald
% java _____
5 class Acts
7 class Clowns
_____ Of76

```

Note: Each snippet from the pool can be used more than once!

