

Levels of friendship:

This challenge implements levels of friendship in Java classes.

Acquaintance: A person one knows slightly, but who is not a close friend.

Friend: A person with whom one has a close bond.

Best Friend: A person's closest friend.

As the levels of friendship increase, you get to know more about the person.

On the basis of knowledge you have about a person: Best Friend > Friend > Acquaintance

Implement these levels in terms of 3 Java classes :

Class *Acquaintance*

- Has an attribute: "name" (variable of type String)
- Constructor: `Acquaintance(String name)`
- Has a method `public void getStatus` which prints "[name] is just an acquaintance.\n"

Class *Friend*

- Class *Friend* inherits class *Acquaintance*
- Constructor: `Friend(String name, String homeTown)`
- Has attribute "homeTown" (variable of type String)
- Has a method `public void getStatus` which prints "[name] is a friend and he is from [homeTown].\n"

Class *BestFriend*

- Class *BestFriend* inherits class *Friend*
- Constructor: `BestFriend(String name, String homeTown, String favoriteSong)`
- Has attribute "*favoriteSong*" (variable of type String)
- Has a method `public void getStatus` which prints "[name] is my best friend. He is from [homeTown] and his favorite song is [favoriteSong]."

Note: You do not have to worry about input handling, code stub does that

Input Format For Custom Testing Sample Case 0

Sample Input

```
4
Acquaintance Jaden
```

```
Friend Jake Florida
BestFriend Ryan Utah Dangerous
Friend David Texas
```

Sample Output

```
Jaden is just an acquaintance.
Jake is a friend and he is from Florida.
Ryan is my best friend. He is from Utah and his favorite song is
Dangerous.
David is a friend and he is from Texas.
```

Sample Case 1

Sample Input

```
5
Acquaintance Roger
BestFriend Carson Boston Believer
Friend Oren Atlanta
BestFriend Ramon Miami Radioactive
Friend Tyson Denver
```

Sample Output

```
Roger is just an acquaintance.
Carson is my best friend. He is from Boston and his favorite song is
Believer.
Oren is a friend and he is from Atlanta.
Ramon is my best friend. He is from Miami and his favorite song is
Radioactive.
Tyson is a friend and he is from Denver.
```