

Spectro

# Class Account

java.lang.Object  
Spectro.Account

```
public class Account
extends java.lang.Object
```

This class is Account type in this application. It includes three parts, an id, an password and an account type

## Constructor Summary

### Constructors

| Constructor and Description  |
|--|
| <b>Account</b> ()<br>constructor for Account class, initializing Account                             |
| <b>Account</b> (java.lang.String id, char[] pw, int type)<br>Constructor for Account class           |
| <b>Account</b> (java.lang.String id, java.lang.String pw, int type)<br>Constructor for Account class |

## Method Summary

### Methods

| Modifier and Type | Method and Description  |
|-------------------|---|
| boolean           | <b>equals</b> (Account ac)<br>Check if two Account are equal            |
| int               | <b>getAccountType</b> ()<br>Getter for getting account type             |
| java.lang.String  | <b>getID</b> ()<br>Getter for getting private Id in Account;            |
| java.lang.String  | <b>getPassword</b> ()<br>Getter for getting private password in Account |
| void              | <b>printAccount</b> ()<br>Print account information on screen           |
| void              | <b>setAccountType</b> (int type)<br>Setter for changing account type    |

|      |  |
|------|--|
| void | <code>setID</code> (java.lang.String id)<br>Setter for changing id value             |
| void | <code>setPassword</code> (java.lang.String pw)<br>Setter for changing password value |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

Account

```
public Account()
```

constructor for Account class, initializing Account

Account

```
public Account(java.lang.String id,
               java.lang.String pw,
               int type)
```

Constructor for Account class

Parameters:

id - id  
pw - password  
type - account type

Account

```
public Account(java.lang.String id,
               char[] pw,
               int type)
```

Constructor for Account class

Parameters:

id - id  
pw - password  
type - account type

## Method Detail

### getID

```
public java.lang.String getID()
```

Getter for getting private Id in Account;

**Returns:**

id in String

### getPassword

```
public java.lang.String getPassword()
```

Getter for getting private password in Account

**Returns:**

password in String

### getAccountType

```
public int getAccountType()
```

Getter for getting account type

**Returns:**

account type in int 1 for teacher, 2 for student

### setID

```
public void setID(java.lang.String id)
```

Setter for changing id value

**Parameters:**

id -

### setPassword

```
public void setPassword(java.lang.String pw)
```

Setter for changing password value

**Parameters:**

pw -

## setAccountType

```
public void setAccountType(int type)
```

Setter for changing account type

### Parameters:

type -

## printAccount

```
public void printAccount()
```

Print account information on screen

## equals

```
public boolean equals(Account ac)
```

Check if two Account are equal

### Parameters:

ac - another Account

### Returns:

true for same, false for difference

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