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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

Account ()

constructor for Account class, initializing Account

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

Constructor for Account class

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

Constructor for Account class

Method Summary

Methods

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

```
void          setID(java.lang.String id)
              Setter for changing id value

void          setPassword(java.lang.String pw)
              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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