**Class BankAccount**

java.lang.Object

**BankAccount**

public class **BankAccount**extends java.lang.Object

BankAccount class that represents a real world entity - Bank Account. It supports deposit, withdrawal and checking balance operations.

**Version:**

9/13/2012

**Author:**

Pratap Kotala

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| **Constructor Summary** | |
| [**BankAccount**](file:///C:\Users\Kotala\Documents\Teaching\Fall%202012\CSci%20160\Lab%20Assignments\Lab%205\BankAccount.html#BankAccount())()           Default constructor for objects of class BankAccount which initializes balance to zero. |  |
| [**BankAccount**](file:///C:\Users\Kotala\Documents\Teaching\Fall%202012\CSci%20160\Lab%20Assignments\Lab%205\BankAccount.html#BankAccount(double))(double amount)           Constructor for objects of class BankAccount which initializes balance to amount. |  |

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| **Method Summary** | |
| void | [**deposit**](file:///C:\Users\Kotala\Documents\Teaching\Fall%202012\CSci%20160\Lab%20Assignments\Lab%205\BankAccount.html#deposit(double))(double amount)           deposit() method adds the amount to the current balance |
| double | [**getBalance**](file:///C:\Users\Kotala\Documents\Teaching\Fall%202012\CSci%20160\Lab%20Assignments\Lab%205\BankAccount.html#getBalance())()           getBalance() method returns the current balance |
| void | [**withdraw**](file:///C:\Users\Kotala\Documents\Teaching\Fall%202012\CSci%20160\Lab%20Assignments\Lab%205\BankAccount.html#withdraw(double))(double amount)           withdraw() method reduces the current balance by amount |

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| **Methods inherited from class java.lang.Object** |
| clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait |

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| **Constructor Detail** |

**BankAccount**

public **BankAccount**()

Default constructor for objects of class BankAccount which initializes balance to zero.

**BankAccount**

public **BankAccount**(double amount)

Constructor for objects of class BankAccount which initializes balance to amount.

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| **Method Detail** |

**deposit**

public void **deposit**(double amount)

deposit() method adds the amount to the current balance

**Parameters:**

double - amount

**getBalance**

public double **getBalance**()

getBalance() method returns the current balance

**Parameters:**

no - parameter

**Returns:**

double

**withdraw**

public void **withdraw**(double amount)

withdraw() method reduces the current balance by amount

**Parameters:**

double - amount