

UML Diagrams

11.3

Account

312a1n

```
+ accountNumber: int  
+ id: int  
+ balance: double  
+ annualInterestRate: double  
+ dateCreated: Date  
+ monthlyInterestRate: double  
+ monthlyInterest: double  
+ Account()  
+ Account(int id, double balance)  
+ Account(int newID, double newBalance, double newAnnualInterest)  
+ getID(int id): int  
+ getBalance(double balance): double  
+ getAnnualInterestRate(double annualInterestRate): double  
+ getMonthlyInterestRate(): double  
+ getMonthlyInterest(): double  
+ withdraw(double withdraw): double  
+ deposit(double deposit): double  
+ dateCreated(): Date
```

11.3

Checking Account

```
- OVERDRAFT-LIMIT: double  
+ CheckingAccount(int id, double balance)  
+ withdraw(double amount): double  
+ toString(): String
```

11.3

Savings Account

```
- OVERDRAFT-LIMIT: double  
+ SavingsAccount(int id, double balance)  
+ withdraw(double amount): double  
+ toString(): String
```