UserDetails class

```
package com.bankapplication;


public class UserDetails {


	private Integer id;

	private String name;

	private String email;

	private String password;

	@Override

	public String toString() {

		return "UserDetails [name=" + name + ", email=" +
email + ", password=" + password + "]";

	}


	public UserDetails(Integer id, String name, String email,
String password) {

		super();

		this.id = id;

		this.name = name;

		this.email = email;

		this.password = password;

	}
```

```
public String getName() {
	return name;
}
public void setName(String name) {
	this.name = name;
}
public String getEmail() {
	return email;
}
public void setEmail(String email) {
	this.email = email;
}
public String getPassword() {
	return password;
}
public void setPassword(String password) {
	this.password = password;
}

public UserDetails() {
	// TODO Auto-generated constructor stub
}

public Integer getId() {
```

```
		return id;
	}

	public void setId(Integer id) {
		this.id = id;
	}


}
```

MoneyDetails class

```
package com.bankapplication;

import java.sql.Date;

public class MoneyDetails {

	private Date date;
	private Integer id;
	private Float balance;
	private String category;
	@Override
```

```
	public String toString() {
		return "MoneyDetails [date=" + date + ", id=" + id +
", balance=" + balance + ", category=" + category + "]";
	}
	public MoneyDetails(Date date, Integer id, Float balance,
String category) {
		super();
		this.date = date;
		this.id = id;
		this.balance = balance;
		this.category = category;
	}
	public Date getDate() {
		return date;
	}
	public void setDate(Date date) {
		this.date = date;
	}
	public Integer getId() {
		return id;
	}
	public void setId(Integer id) {
		this.id = id;
	}
```

```
	public Float getBalance() {
		return balance;
	}
	public void setBalance(Float balance) {
		this.balance = balance;
	}
	public String getCategory() {
		return category;
	}
	public void setCategory(String category) {
		this.category = category;
	}

	public MoneyDetails() {
		// TODO Auto-generated constructor stub
	}


}
```

Operations.java

```java
package com.bankapplication;


import javax.sql.DataSource;


import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.jdbc.core.JdbcTemplate;

import
org.springframework.jdbc.core.namedparam.MapSqlParameterSource;

import
org.springframework.jdbc.core.namedparam.NamedParameterJdbcTempla
te;

import org.springframework.stereotype.Component;


@Component

public class Operations {


	DataSource dataSource;

	NamedParameterJdbcTemplate namedParameterJdbcTemplate;

	JdbcTemplate jdbcTemplate;


	@Autowired

	public void setDataSource(DataSource dataSource) {

		namedParameterJdbcTemplate=new
NamedParameterJdbcTemplate(dataSource);

		jdbcTemplate=new JdbcTemplate(dataSource);
```

```
	}


	// registering the user


	int registerUser(UserDetails user) {

		String qry="insert into userinfo values
(:id,:name,:email,:password)";

		MapSqlParameterSource source=new
MapSqlParameterSource()

				.addValue("id", user.getId())

				.addValue("name", user.getName())

				.addValue("email", user.getEmail())

				.addValue("password", user.getPassword());

		return namedParameterJdbcTemplate.update(qry, source);


	}



	Float depositing(Float depositBalance, Integer id) {


	String qry="select balance from moneydetails where id=";

	MapSqlParameterSource source=new MapSqlParameterSource()

			.addValue("id", id);

	Float
balance=jdbcTemplate.queryForObject(qry,Float.class,source);
```

```
        return balance+depositBalance;

        }

}
```

App.java

```
package com.bankapplication;

import java.util.Scanner;

import
org.springframework.context.support.ClassPathXmlApplicationContex
t;

/**
 * Hello world!
 *
 */
public class App {
      public static void main( String[] args )
    {
        System.out.println( "Hello World!" );
```

```
        ClassPathXmlApplicationContext context=new
ClassPathXmlApplicationContext("config.xml");


        Operations
operations=context.getBean("operations",Operations.class);
        String signing;
        Scanner sc=new Scanner(System.in);
        String runOrStop;
        Integer chocieOfOperation;


        do {


           System.out.println("Please enter signup for adding and
signin for signing in");
           signing=sc.next();
           if(signing.equalsIgnoreCase("signup")) {
                System.out.println("Please neter name email
password");
                String name=sc.next();
                String email=sc.next();
                String password=sc.next();
                Integer id=sc.nextInt();
                operations.registerUser(new
UserDetails(id,name,email,password));
```

```
            }

            if(signing.equalsIgnoreCase("signin")) {

                  System.out.println("Please enter your choice");
                  chocieOfOperation=sc.nextInt();
                  switch(chocieOfOperation) {

                  case 1:
                        System.out.println("Deposting the money");
                        Float depositbalance=sc.nextFloat();
                        Integer id=sc.nextInt();
                        System.out.println("updated Balance:
"+operations.depositing(depositbalance,id));

                  }
            }
            System.out.println("Enter y to run and anyother key to
stop");
            runOrStop=sc.next();
         }while(runOrStop.equalsIgnoreCase("y"));
     }
}
```

Database Tables