



```
[
  {
    "cid": 1,
    "cname": "sachin",
    "email": "sachin@gmail.com"
  },
  {
    "cid": 2,
    "cname": "kohli",
    "email": "kohli@gmail.com"
  },
  {
    "cid": 3,
    "cname": "dhoni",
    "email": "dhoni@gmail.com"
  }
]
```

```
[
  {
    "pid": 8,
    "pcode": "C-001",
    "pname": "Fossil"
  },
  {
    "pid": 9,
    "pcode": "C-002",
    "pname": "Armani"
  },
  {
    "pid": 10,
    "pcode": "C-003",
    "pname": "Tissot"
  }
]
```

```
SpringDataPa-MultipleDbConfiguration [boot]
> $a Deployment Descriptor: SpringDataPa-MultipleDbConfiguration
> $a WS Web Services
> $a Java Resources
  > $a src/main/java
    > $a in.neuron
      > $a ServletInitializer.java
      > $a SpringDataPaMultipleDbConfigurationApplication.java
    > $a in.neuron.config.customer
      > $a Db2Config.java
    > $a in.neuron.config.model.customer
      > $a Customer.java
    > $a in.neuron.config.model.product
      > $a Product.java
    > $a in.neuron.config.product
      > $a Db2Config.java
    > $a in.neuron.repo.customer
      > $a CustomerRepository.java
    > $a in.neuron.repo.product
      > $a ProductRepository.java
    > $a in.neuron.restcontroller
      > $a MultipleDataRestController.java
  > $a src/main/resources
    > $a static
    > $a templates
    > $a application.properties
  > $a src/test/java
  > $a target/generated-sources/annotations
  > $a target/generated-test-sources/test-annotations
  > $a Libraries
  > $a Deployed Resources
  > $a src
  > $a target
```

Problem::

cno (n)	cname(vc2)	caddrs(vc2)	mobileNo(n)	provider(vc2)	type(vc2)
101	raja	hyd	9999999999	airtel	residence
101	raja	hyd	9999999888	vodafone	office
102	mahesh	vizag	9499999888	jio	office
102	mahesh	vizag	9499999888	vodafone	residence

Data Redundancy Problem

Solution1

customer(dbtable)			phone_details(dbtable)			
cno (n)	cname(vc2)	caddrs(vc2)	regNo(pk)	mobileNo(n)	provider(vc2)	type(vc2)
101	raja	hyd	1	9999999999	airtel	residence
102	mahesh	vizag	2	9999999888	vodafone	office
			3	9499999888	jio	office
			4	9499999888	vodafone	residence

Solution2 :: Take dbtables to maintain multiple entities info and keep them in relationship using FK(Foreign key column)

customer(db table1) (parent db table)			phone_details (db table2) (child db table)				
cno(n)	cname(vc2)	caddrs(vc2)	regNo(pk)	mobileNo(n)	provider(vc2)	type(vc2)	customer_no(FK with cno)
101	raja	hyd	1	9999999999	airtel	residence	101
102	mahesh	vizag	2	9999999888	vodafone	office	101
			3	9499999888	jio	office	102
			4	9499999888	vodafone	residence	102