

## Temperature Rest Service

### Endpoints Catered

1) GET:

GET Temperature by ID: localhost:8585/temperature/{temperatureId}

Sample input: localhost:8585/temperature/7

GET All Temperatures: localhost:8585/temperature/temperatures

2) PUT: localhost:8585/temperature

localhost:8585/temperature/temperature

Input in Body while sending request:

**Insert:**

```
{  
  "temperature" : "45.5"  
}
```

**Update: If ID exists, it will update**

```
{  
  "id": "5",  
  "temperature": "55.5"  
}
```

3) POST: localhost:8585/temperature

**Insert:**

```
{  
  "temperature" : "45.5"  
}
```

**Update: If ID exists, it will update**

```
{  
  "id": "5",  
  "temperature": "55.5"  
}
```

4) DELETE: localhost:8585/temperature/{temperatureId}  
localhost:8585/temperature/7

### **Table SQL Script**

```
create table temperature(  
  id bigint auto_increment,  
  temperature double null,  
  create_date timestamp null,  
  update_date datetime null,  
  primary key (id));
```

### **Application.properties File**

Path: temperatures\src\main\resources\application.properties

Configuration Contents:

```
server.port=8585  
spring.datasource.url=jdbc:mysql://localhost:3306/bookstore  
#spring.jpa.hibernate.ddl-auto=create  
spring.datasource.username=root  
spring.datasource.password=sesame  
spring.jpa.properties.hibernate.dialect =org.hibernate.dialect.MySQLDialect
```