

# ECAP615

## Programming in Java



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# Learning Outcomes



After this lecture, you will be able to

- learn the basic concept of DatabaseMetaData Interface
- understand the various methods of DatabaseMetaData Interface
- implementation of DatabaseMetaData Interface

# DatabaseMetaData Interface

- The DatabaseMetaData interface provides methods to get information about the database you have connected with.
- For instance, you can see what tables are defined in the database, and what columns each table has, whether given features are supported etc.

# DatabaseMetaData Interface

- The `getMetaData()` method of `Connection` interface returns the object of `DatabaseMetaData`.

Syntax:

```
public DatabaseMetaData getMetaData()throws  
SQLException
```

# Methods of DatabaseMetaData Interface

- `getDriverName()`
- `getDriverVersion()`
- `getUserName()`
- `getDatabaseProductName()`

# Methods of DatabaseMetaData Interface

- `getNumericFunctions()`
- `getStringFunctions()`
- `getSystemFunctions()`
- `getDatabaseProductVersion()`

# Methods of DatabaseMetaData Interface

- `getTables(String catalog, String schemaPattern, String tableNamePattern, String[]`
- `getTimeDateFunctions()`
- `getURL()`

**That's all for now...**