Classic Approaches
Two varieties of embedded SQL:
Cursors

Preprocessor Examples

See the Sample Programs!
The Library Approach

ODBC vs. JDBC

ODBC:

JDBC:
JDBC

Core capabilities:

Some related technologies:

Using JDBC (1 / 4)

1. Establish connection to a data source
(c) Connect to the DBMS

```java
Connection dbConnect = DriverManager.getConnection(
    "jdbc:oracle:thin:@host.foo.bar.com:1234:oracle",
    "username", "password");
```

Using JDBC (3 / 4)

2. Send SQL statements to that source
3. Process returned results and messages

Accessing MetaData with JDBC