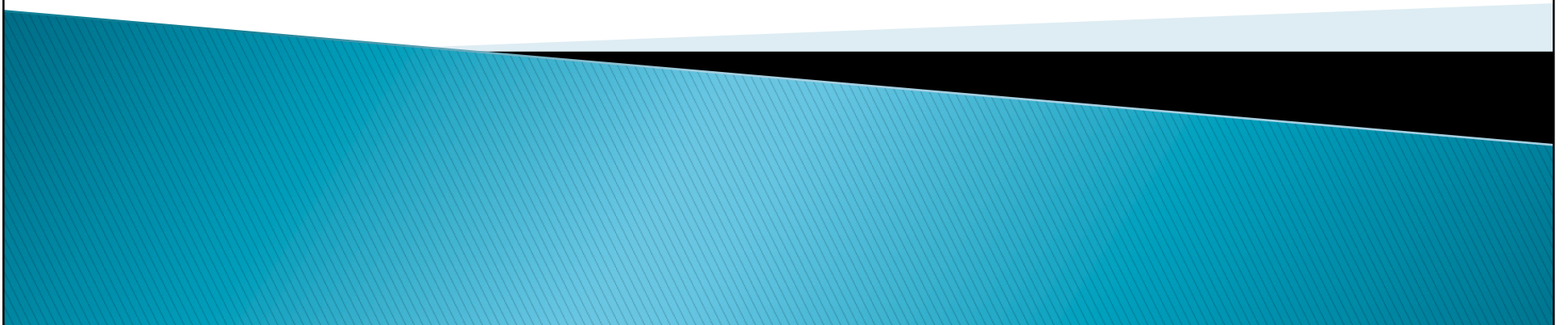


A Brief Introduction to JDBC

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Configurations (Access from CS)

- ▶ Your default shell? (Bash or Tcsh)
 - %echo \$SHELL
- ▶ You may change your default shell
 - %chsh USERNAME /bin/bash
- ▶ More in the CS help page
 - <http://www.cs.purdue.edu/resources/facilities/oracle/cs.sxhtml>
- ▶ **Note:** When you login into sqlplus, enter your username with this domain:
your_oracle_id@csora
- ▶ ...Now you can use oracle from CS machines!

Access Oracle Via JDBC

- ▶ Download the Driver
- ▶ Just use @csora with these parameters:
 - Hostname: claros.cs.purdue.edu
 - Port: 1524
 - SID: strep
- ▶ How to connect to Oracle?

Connection conn =

```
DriverManager.getConnection("jdbc:oracle:thin:@claros.cs.purdue.edu:1524:strep","login","password");
```

- ▶ Tutorial on JDBC
 - <http://www.cbcu.umd.edu/confcour/CMSC424/Simple%20tutorial%20for%20using%20JDBC.pdf>
- ▶ Working with Eclipse

JDBC

- ▶ What is DriverManager?

```
static {  
    try {  
        java.sql.DriverManager.registerDriver(new Driver());  
    } catch (SQLException E) {  
        throw new RuntimeException("Can't register driver!");  
    }  
}
```

Questions?

