

Lab 1

Dan Beck

October 27, 2020

SDEV-350 7380

Prof. Carl Eyler

Lab 1

A

Below is a screenshot after logging into AWS Educate Account. The Active section shows my student email as having full access.

Your AWS Account Status



The screenshot displays the 'Your AWS Account Status' page. It features three rows of status information, each with a circular icon: a person icon for 'Active' status, a dollar sign for remaining credits, and a clock for session time. Below these rows are two buttons: 'Account Details' and 'AWS Console'.

	Active full access (dbeck21@student.umgc.edu)
	\$47.98 remaining credits (estimated)
	2:60 session time

[Account Details](#) [AWS Console](#)

Please use AWS Educate Account responsibly. Remember to shut down your instances when not in use to make the best use of your credits. And, don't forget to logout once you are done with your work!

Figure 1, Beck AWS Educate Classroom Account Status

B

After selecting “Account Details”, a screen shot shows the session start and end, remaining session time and term of the account access.

AWS Access

```
Session started at: 2020-10-27T12:44:27-0700
Session to end at: 2020-10-27T15:44:27-0700
Remaining session time: 2h58m51s
```

```
Term: 183 days 11:14:32
```

Figure 2, Beck AWS Educate Account Status

C

Figure C show the connectivity and security status of the created database. It also shows the Oracle RDS endpoint and port for the RDS instance.

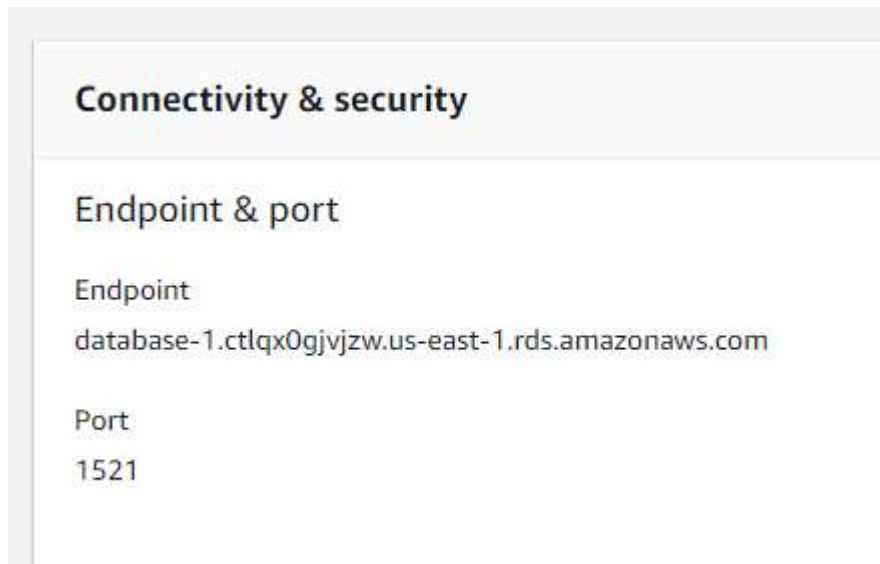


Figure 3, Beck AWS Educate RDS Endpoint & Port

D

Figure 4 shows the successful connection to my RDS instance. Figure 5 shows the creation of a table called INVOICES that has the InvoiceID as an integer and the primary key of the table. It also accepts ClientFirstName and ClientLastName as variable characters with a limit of 50 characters each. It also accepts and InvoiceAmount that is a decimal that can be 13 numbers long with 2 trailing numbers after the decimal point. The InvoiceAmount can not be left empty.

The screenshot shows the 'New / Select Database Connection' dialog box in SQL Developer. The dialog is divided into several sections:

- Connection Name / Connection Details:** A table with two columns. The first row shows 'SDEV350' under 'Connection Name' and 'admin@//databa...' under 'Connection Details'.
- Name:** A text field containing 'SDEV350'.
- Database Type:** A dropdown menu set to 'Oracle'.
- User Info:** A section with a 'Proxy User' tab. It includes:
 - Authentication Type:** A dropdown menu set to 'Default'.
 - Username:** A text field containing 'admin'.
 - Role:** A dropdown menu set to 'default'.
 - Password:** A text field with masked characters (dots).
 - Save Password:** A checked checkbox.
- Connection Type:** A dropdown menu set to 'Basic'.
- Details:** A section with a 'Details' tab. It includes:
 - Hostname:** A text field containing 'database-1.ctlqx0gfvjzw.us-east-1.rds.amazonaws.com'.
 - Port:** A text field containing '1521'.
 - Service name:** A radio button selected, with a text field containing 'ORCL'.

At the bottom of the dialog, there is a 'Status : Success' message and a row of buttons: 'Help', 'Save', 'Clear', 'Test' (highlighted with a yellow border), 'Connect', and 'Cancel'.

Figure 4 Beck SQL*Developer RDS Connection Properties

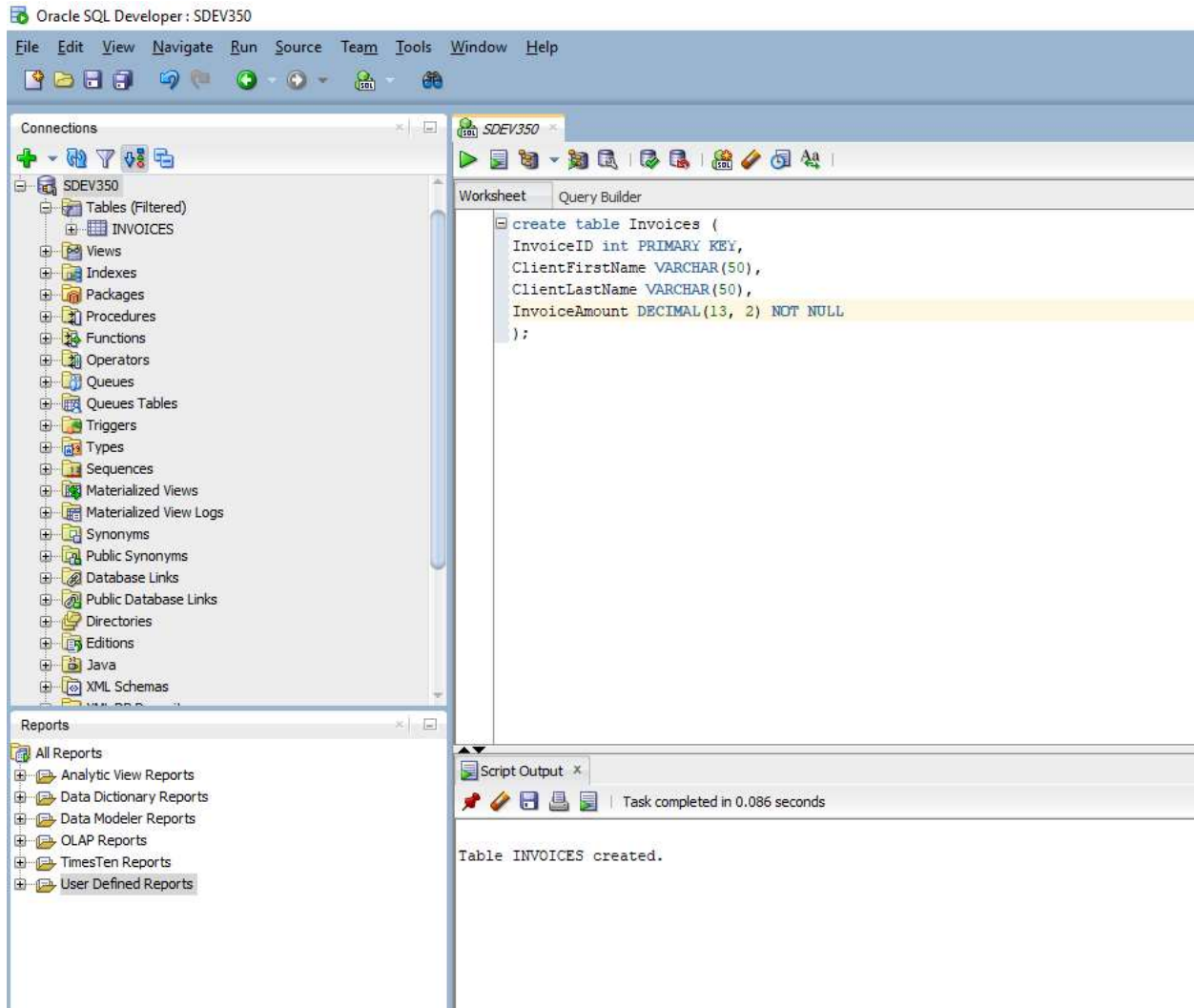


Figure 5, Beck Successfully creating a Table