dbo_vc_User

| vc_UserID | 6 |
| UserName | tardy |

dbo_vc_UserLogin

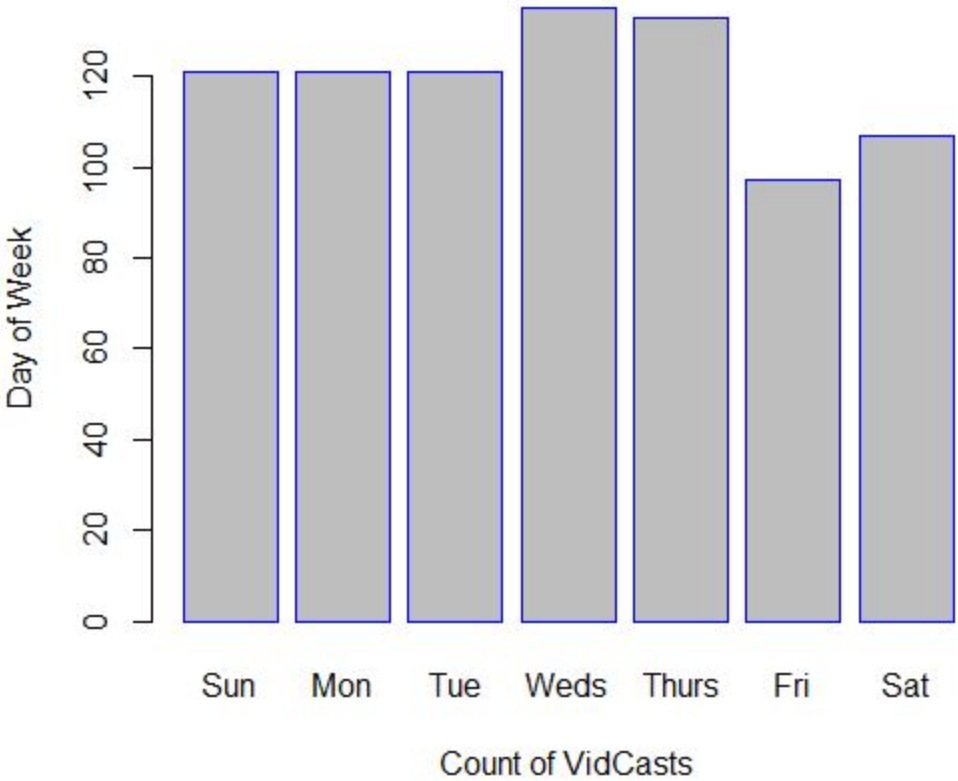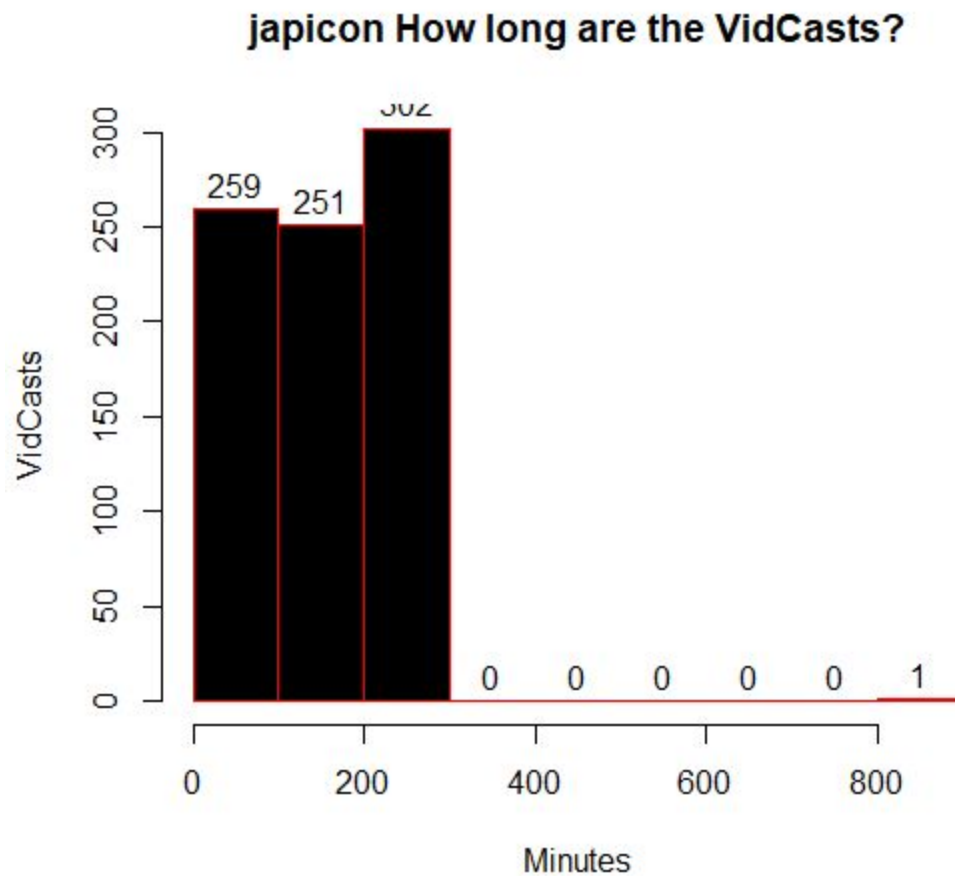| vc_UserLogir	vc_UserID	UserLoginTimestamp	LoginLocation
1	6	11/27/2020 2:35:46 PM	localhost
2	6	12/1/2020 7:21:44 PM	localhost
3	6	12/1/2020 7:21:57 PM	localhost
5	6	12/7/2020 8:18:12 PM	Lab10
6	6	12/7/2020 8:23:49 PM	Picon
(New)	6		

Record: I◄ ◄ 4 of 5 ► ►I ►⁎ No Filter Search

1. When we coded the column for the UserLoginTimeStamp column, we used the GetDate() function which automatically pulls the timestamp from the time that a new entry is added
2. We were able to match the vc_UserID record with the vc_UserLogin record through the primary key that we established when we were recording the relationship between the two tables from earlier in the lab.
3. Pros:
    a. Easier user interface that allows users that are not familiar w/ SQL to update, select, and delete values in the table
    b. It is easier to track relationships between two tables because you are able to visually see the relationships between tables in Access
    c. You are able to connect and analyse data sets from multiple external data sources such as Excel, SQL, and many others
    d. You are able to make views and reports that are much easier to create and more visually appealing compared to creating Views and Reports directly in SQL
4. Cons:
    a. By using Access rather than SQL, you have less control over the security of your database and data given that anyone is able to update and manipulate the data without any restrictions
    b. If you are using for personal use, SQL can be used since it is a free software compared to Access which is a paid software. As an enterprise, using SaaS products can have a huge price tag that is usually passed on to the consumers in some form or another

Part 2

	vc_VidCastID	VidCastTitle	StartDayofWeek	ActualDuration	ScheduleDurationMinutes
1	1	Spiders Of Technology	7	245	
2	2	Flowers Of Time	6	187	
3	3	Insects Of Heaven	4	14	
4	4	Children Of The Oceans	7	87	
5	5	Mice And Freaks	7	15	
6	6	Trains Of Medicine	4	29	
7	7	Signs With Style	3	130	
8	8	Happy Nightmares	2	87	
9	9	Cats Per Continent	4	130	
10	10	Athletes Of The Rivers	3	144	
11	11	Planets Of Time	3	29	
12	12	Rodents And Ancestors	2	288	
13	13	Kings And Spiders	4	115	
14	14	Harvest Without Borders	2	129	
15	15	Capitals Of The North	7	216	
16	17	Pests Of The Hunt	5	87	

japicon Vidcasts by Day of Week

Day of Week

Count of VidCasts

japicon How long are the VidCasts?

1. In reference to the script in step 4, what does the SQL code on line 12 do?

Using the DATEPART function, SQL (or technically RStudio, in this case), is converting the format that is pulled from pulling the StartDateTime from numbers to an actual date (ie, Sunday, Monday. Etc. Then the script names that column as StartDayofWeek.

2. What is one way to simplify lines 8 through 19?

Considering that we did not need to use the Username, UserID, and Vidcast Titles for the plots that we made, we could have removed extraneous code from lines 11,15, and 16 to make the code shorter and more efficient.