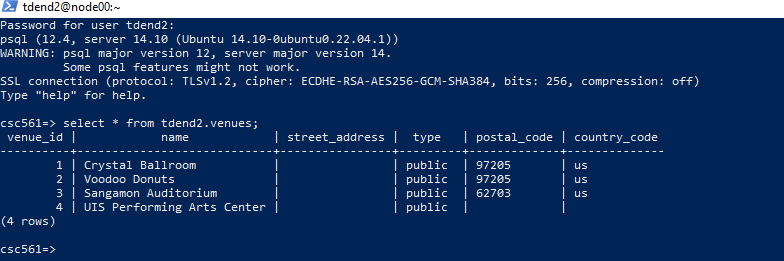
SQL Queries

Assignment#1

Insert a venue (UIS Performing Arts Center) to venues table (created in Ex1-1) and 10upcoming events you chooseto watch from theUIS Center to theevents table(created in this exercise)

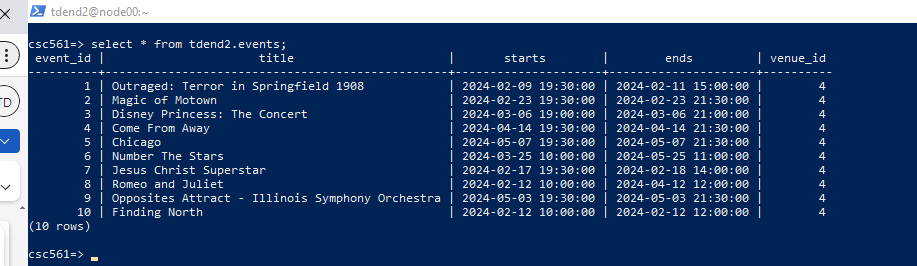
* Addvenueintothetable:venuename:UISPerformingArtsCenter(https://uispac.com/)



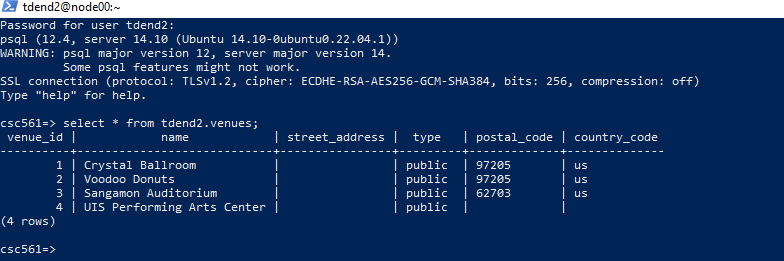
* UpcomingeventsatUISPerformingArtsCenter

ohttps://uispac.com/events/upcoming-events

oChoose10eventsthatyouwanttoliketowatch

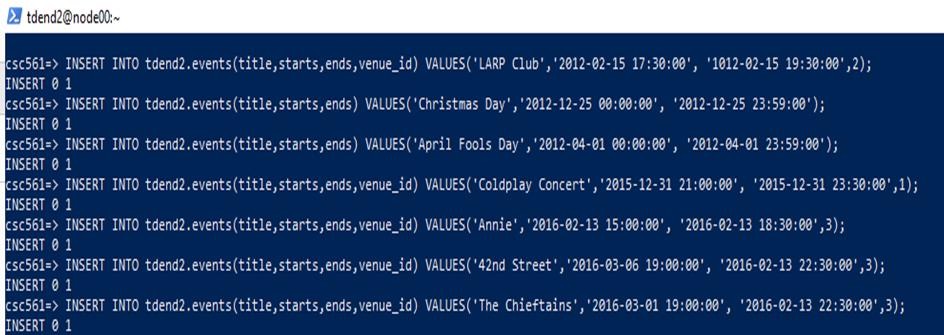


* ShowtheallvenuesincludingvenuesyouaddedinEx1-1



* Shows the allevents including previous (added in Ex1-1) and upcoming events in the table: you must show venue name, not venue\_id
* Ifyoucannotfindanyinfo,e.g.,endstime,assume2hourevents.
* Ref:Section3and3.1Addingtheeventstotheeventstable

EventsaddedinEx-1:



COMMAND: SELECT

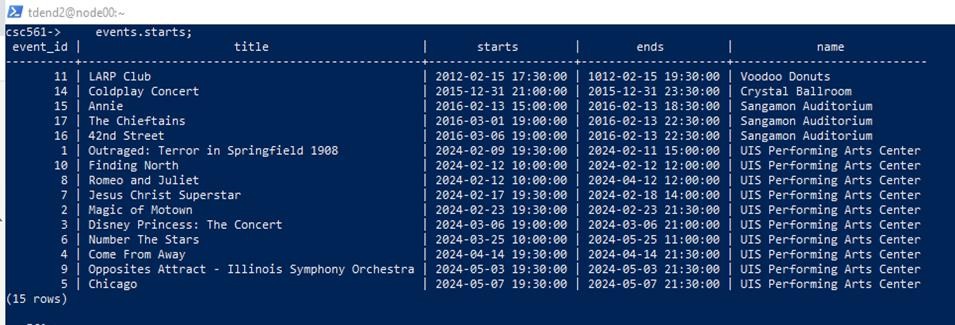
events.event\_id, events.title, events.starts, events.ends, venues. name

FROM

tdend2.events JOIN

tdend2.venues ON events.venue\_id = venues.venue\_id ORDERBY

events.starts;

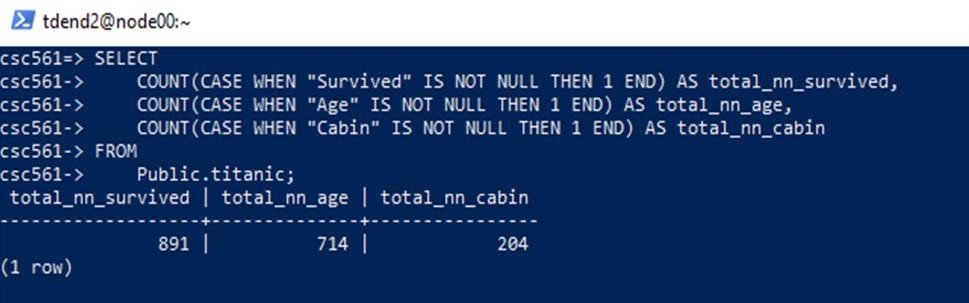


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Assignment#2(20pts)

Writeandrunaquerytoretrievethetotalnumbersofnon-nullrows:

* Columns:survived,age,andcabin
* Outputcolumns:total\_nn\_survived,total\_nn\_age,total\_nn\_cabin
* Showyourqueryandresults
* Note:Aquery,notmultiplequeries,e.g,UNION
* Ref:Section5Aggregationquerieswitharealdataset.(Assignment#2–#4)

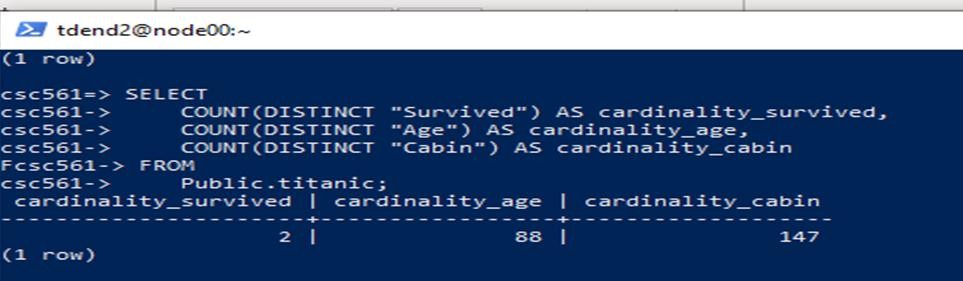


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Assignment#3(20pts)

Writeandrunaquerytoretrievethetotalnumbersofuniquerowsorgroups(cardinality)

* Columns:survived,age,andcabin
* Outputcolumns:cardinality\_survived,cardinality\_age,cardinality\_cabin
* Showyourqueryandresults
* Note:Aquery,notmultiplequeries,e.g,UNION



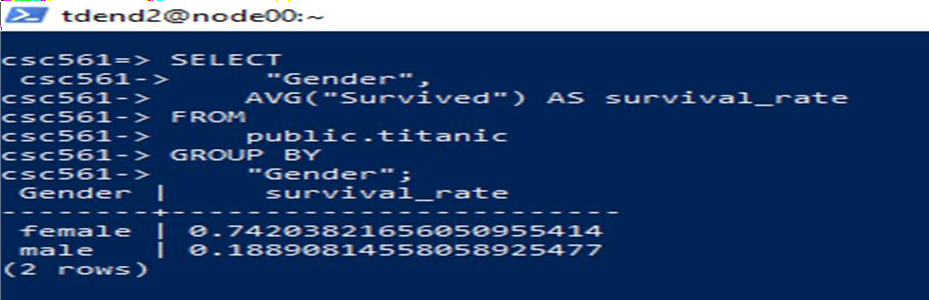
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Assignment#4(30pts)

Write and run a query to retrieve data showing which gender (male or female) has a greater survivalrate.

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* Showyourqueryandresults
* Note:Aquery,notmultiplequeries



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