SQL Mchemy Installation

Pip inchell psycopo 2

apt install python 3 -veni pything -m venu venu bagnes somes nevalpinlactions Pip install solalchemy bib inspop ba Acobas -piper

Create Valle

from sqlachemy impart create_engine, Column, duteger, String

Erem Stalchemy.orm impert session maker

Low sq tatcheny com from soldchemy ext. det declarative import declarative base

engine = create_engine ('postgrasel: 11 jerinjose: jerunjose@docathost: 5432 achemy', echet

Session = session (bind = engine)

session = Session U

Base = declarative base co

class Student (Base):

-- bable name -- = 'Student'

id = Column Clubeger, primary-key = Irue)

hame = Column (String (50))

age = Column C Meger)

grade = Column(string (50))

Base. emotadata. create_all (engine) - help for mignate

	Date
pt. No.	Page No.
wheat Dato	
from sqlatcheny import create engine,	alumn Ratages Store
Min stratellewing com IM Pout Co colors	Alas
from spladthemy est declarative import	declarative base
engine = create engine ('post greage! Il jorin	yose: jerinjose @ Joedhost: 543 & latchemy;
Secsion = session (bind = engine)	
scaion = Session()	
Base = de darative base()	
class Student (Base):	
- Joble name -= ! Student'	
reple name - = , 2 myem	
1d = Column CInteger, Rrimary-key=	True)
name = Column (Ctring (50))	
age = Column C Integer)	
grade = Column (String (50))	
Filst mena dara - Carrote - act tengin	Johnbaue table 15 Created then comment this!
student 1 = Student (name = "test", age = 30,	gnade = "A")
al , I ages 20,	Should - 12
1 1 Com a = " to(t3 , 90) = 10	Man
Coasia II Catudent 1 The fan Index	ing one outle
Session, add-all ([studente, student3])	
Sessien, commit ()	Teacher's Signature
	Scanned with CamScanner

Get the Date Students = Session, query (Student) Far student in students: Print (student, name, student, noe, student, grade) # Get data in arden Commen . Secretary Columber Columber Loy (Student . name) Br student in students: Raint (student . name) # Get data by Alleing Student = session query (Student). Filter (Student. name == "Verin"). Linct () Print Cotudent. name, student, age) Students = Session. query (Student). Liller Can_CStudent. name == "test!", Student. name == "test?") ban student in students: print (student name, student age) # Count of the result Student count = session, query (Student). Either Can_C Student. name == "test", student. name print (student_ count)

vpt. No.	Date
	Page No.
Update Data	
student = session aug Car.	LA A. C. C. L. C.
Student name = " (alg"	1). filter (Student name == 'Jects'). filter ()
session. Commit o	
print (student, name) # get 1	he enan, change the ruen hame
	The state of the s
Delete Data	
student = Session, arren (Stude	ent). Lilter (Student name == "Lala"). First (
gession delete (student)	
Session . Commit ()	
print (student name) # Data	Holoted Rhamina Eman
EMM (STUGENTE)	
	1. 44.1. 在"阿克莱尔"

Bun of rulphed

helpholion

Pip Install soldchning propose binary

Check

sude systemate start portgressed

sudo Systemel status portgrandal

=) psql -U med -d dbe

rdbh- zerptzog u- løzg (=

Lich database

11

1 Sict

Connect specific database

10 db2

=> sudo - u postgnes

Expt. No.	Date
	Page No.
List all dables	
197	
View dehailed jufarmation about a	specific doble
1d student	
Show all rales	
1 du	
Earl	
1 1 q	