Test

**Answer-1**

num = [1,2,3,4,5]

sum = sum(num)

print(sum)

sum = sum(num, 50)

print(sum)

**Answer-2**

dict\_1 = {“1” : 50,“2” : 60, “3” : 70, “4” : 80, “5” : 90}

max = max (dict\_1.keys(), key=(lambda a: dict\_1[k]))

print('Maximum Value: ',dict\_1[key\_max])

**Answer-3**

def max\_cons(arr, num):

  count = 0

    res = 0

   for i in range(0, num):

        if (arr[i] == 0):

            count = 0

  else:

            count+= 1

            result = max(res, count)

    return res

arr = [0,0,0,1,1,1,0,0,0,1,1,0,1,1,1,1,0,0,1,1

]

num = length(arr)

print(max\_cons(arr, num))

**Answer-4**

import mysql.connector

mydb= mysql connector.connect(host=’localhost’, username=’admin’, password=’123’

)

mycursor=mydb.cursor()

s= “CREATE table address (street varchar(20), pincode int, country varchar(20), state varchar(10), phone no longint)

mycursor.execute(s)

**Flask route**

from flask.ext.sql import SQL

db = SQL()

class User(db.Model):

\_\_tablename\_\_ = 'user'

email = db.Column(db.String, primary\_key=True)

password = db.Column(db.String)

authenticated = db.Column(db.Boolean, default=False)

def is\_active(self):

return True

def get\_id(self):

return self.email

def is\_authenticated(self):

return self.authenticated

def is\_anonymous(self):

route("/login", methods=["GET", "POST"])

def login():

For GET requests, display the login form.

For POSTS, login the current user by processing the form.

print db

form = LoginForm()

if form.validate\_on\_submit():

user = User.query.get(form.email.data)

if user:

if crypt.check\_password\_hash(user.password, form.password.data):

user.authenticated = True

db.session.add(user)

db.session.commit()

login\_user(user, remember=True)

return redirect(url\_for("bull.reports"))

return render\_template("login.html", form=form)

route("/logout", methods=["GET"])

login\_required

def logout():

"""Logout the current user."""

user = current\_user

user.authenticated = False

db.session.add(user)

db.session.commit()

logout\_user()

return render\_template("logout.html")