SHUBHAM GOSWAMI

ROLL NO-14

5.WAP to demonstrate thread synchronization in multithreading.

from threading import \*

import time

def wish(name,age):

for i in range(3):

print("Hi",name)

time.sleep(2)

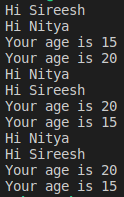
print("Your age is",age)

t1=Thread(target=wish, args=("Sireesh",15))

t2=Thread(target=wish, args=("Nitya",20))

t1.start()

t2.start()



10.write a code to show the use of generator function.

# A generator function that yields 1 for first time,

# 2 second time and 3 third time

def simpleGeneratorFun():

yield 1

yield 2

yield 3

# Driver code to check above generator function

for value in simpleGeneratorFun():

print(value)

output

1

2

3

11.write program to show inheritance in pythons.

class Person(object):

# Constructor

def \_\_init\_\_(self, name, id):

self.name = name

self.id = id

# To check if this person is an employee

def Display(self):

print(self.name, self.id)

# Driver code

emp = Person("Satyam", 102) # An Object of Person

emp.Display()

output

Sasassssss 102

Satyam 102

16.WAP code to show different types of plot in python(line,bar,pie,subplots etc)

# Import libraries

from matplotlib import pyplot as plt

import numpy as np

# Creating dataset

cars = ['AUDI', 'BMW', 'FORD',

'TESLA', 'JAGUAR', 'MERCEDES']

data = [23, 17, 35, 29, 12, 41]

# Creating plot

fig = plt.figure(figsize =(10, 7))

plt.pie(data, labels = cars)

# show plot

plt.show()

OUTPUT

