

LABORATORY WORK BOOK

		CSE-B Semester QL						Roll Number					
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	Exercise Number	EXERCISE NAME	Aim/ Preparation		Algorithm	/ Procedure	Source Code Calculations and Graphs	Program Execution		-	Viva - Voce	Total	
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	4-1	Teriangle Problem	·u		. 0.1	Q	· · · ·	P. F	ч		Ц	20	
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Signature of the Student

Signaloga brune Faculty

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Totiangle problem
Design and develop a program in any language
to solve triangle problem. Determine if three
values siepresent an equilateral triangle, isosceles (m)
scarene triangle on they do not form at all.
Assume uppea limit food size of side is to.
a, b, c = map(int, input('Enten three sides: 1). split())
if a < 11 and b < 11 and c < 11:
  if a+b>c or b+c>a or a+c>b:
   if a 1=b and b1=c and c1=a:
         Print ("Scalene Triangle")
     elif a == b == c:
         Print ('Equilateral Pariangle')
      else:
         Print ('Isoceles Pariangle')
   else:
      print ('Toniangle can I't be formed')
else:
   Point ('Side limit exceeded')
Test case - 1: All sides are equal
Enter theree sides: 1 1 1
Eavilateral Triangle
Test case - 2: Two sides are equal
Enter three sides: 1 1 2
```

I so sceles Triangle

Test case - 3: No side is equal

Enter those sides: 123

Scalene Totangle

Test case - 4: side is greater than 10

Enter theree sides: 11 1 1

side limit exceeded

Test Report

C. C.	1				1 M. V.		
Td Descaription Input Do				ata	Expected	Actual	40 5
	pescent peron	a	b	1	Output	Output	Comments
1	All sides ane Earnal	1	1	1	Equilateral Totangle	Evuilateral	Success
d	Two sides	1	7	2	Isosceles	rotangle	Success
3	No side is equal	1	3	3	Scalene	Scalene	Success
4	Side is greater than 10	17	1	1	side limit exceeded	side limit exceeded	success
		THE REAL PROPERTY AND PERSONS ASSESSMENT OF THE PERSONS ASSESSMENT OF					

The rest of the first to be

in a manifestal = h

next Date program in language to Design, develop, code of our program in language to implement the Next Date Function.

from datetime import datetime, timedelta

d = int (inPut('Enter today date: 1))

m = int (input (Enter month in value: 1))

y = int (input ('Enter year: 1))

d = datetime (Y, m, d)

Print (Next Date is: 1, d + time delta (1))

INPUTIONIPUT:

Enter today date: 15

Enter month in value: 04

Enter year: 2024

Next Date is: 2024-04-16

Test Report

The second of th		TO LIVE THE		7 .				
2 Random Date 12 12 2012 2012-12-13 2012-12-13 Successful - Year's	Case	Description	a	burpa	ata C	Expected	Actual	Comments
2 Random 12 12 2012 2012-12-13 2012-12-13 Successful	1		15	04	1 00	2024-04-16	2024-04-16	Successful
3 Year's last Date 31 12 2012 2013-01-01 2013-01-01 Successful	2	Random		12	2012	2012-12-B	5015-13-13	Successful
	3	Year's Last Date	31	12	2012	2013-01-01	2013-01-01	Successful

'ound's said

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4-3 Commission Problem
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Design, Develop, code and own the program in any suitable language to solve the commission Problem.

A FIRE II ADESTRUMENT THE

$$C = 0$$

Print (Invalid Input!)

else:

I was as I give I feel out

else:

INPUTIOUTPUT:

Enter total no. of locks: 8

Enter total no-of stocks: 25

Enter total no-of barrels: 65

The total sales is 2735 and

The commission is 407.0

Test case for Irivalia Input:

Enter total no-of locks: 2

Enter total no-of Stocks: 25

Enter total no-of barrels: 3356

Invalid Input

Test Report:

(ase	D00000000		nput	Data	Expected	Actual		
ZD	Descaription	a	b	1 C	output	Output	Comment	
1	1 valid Testcase		25	65	Total sales is 2733 and commission is 407.0	Total sales is 2735 and	Successful	
7	Invalid Test case All eaval	2	25	3356	Invalid Input	Invalid	Successful	
	54.00	25	25	2.5	Commission	Total Sales is 2500 and Commission is 360.0	s uccessful	