

## ATOMS IN SURE FOR A STATE OF SURE LABORATORY WORK BOOK

Cla	ass <b>C</b>	re Student HIMAKAI	<b>T</b>	î		1 Some	/ Roll Number	or T	
Co	urse Co	de : ACICO9Cours	e Nama .S	20T		249			5 5
Na	me of th	e Course Faculty Ma	C I Valle	WHI. LOY	Reageosa	211	131-11		-20
The co	raina Ni	e Course Faculty	CHYO	C AHI	URESH	BABU	Faculty ID	IARE 1	-047
-XC	rcise IVI	anaber	ZWeel	Number :	06	1 . 7 .	Date: 2	5120	274
						S AWARDE			1-1
S.	Exercise	EXERCISE NAME	Aim/	Algorithm	/ Procedure	Source Code	-	Viva -	
NO.	Number	EXERCISE NAME	Preparation		ce in the Lab	Calculations	15		Tota
						and Graphs	1	-	20
1	_	Discount based	,4	1	4	4.	- 4	4	20
	6.1	on their age frembership	4		4	U	Wa Charles	1-4	20
2		Loan Approval	6 00 1	Part P	HAVO	- 677	6 7 1 -0		
1	6.2	System		N. G. T. K.					-
3	_	Traffic light							
	6.3	Control system		(* 4.	(000)	16	( P . ) Fr	A CONTRACTOR	
1									
5									
1	1,150	id to the street	est error t		<i>~</i> **	V1211.	1		
6									1
-	50	1							
-		C (2 )	1 3 1		100	-4.5	Dist.	1 m	-
					4	CHOSE Y			
							_ x 108		
		-1			e			9	
					7 (1	-5386	1		-
		4							
7						Section!	1 2	1 - 1	
		-							
	-	7							

gnature of the Student

12

Signature of the Faculty

el Discount based on their age & membership stadus Discount

Design test cases to ensure a Person is Pasisn testimose discount based in ison is inhemship.

a = int(input('Enter age': '))

a = int (input ( Enter membership status: 1). lowers)

Point ('Discount availed is 20%') else:

Perint (Discount availed is 10%).

else:

('Incosiste on') trived

-				~ ,
-	Condition	Member	Age -	
	Eligible for 20% Discount	Tes	7es	Discount 20%
	Eligible for 10% Discount	Yes	No	10%
	Not Eligible	No	Yes	No discount
	Not Eligible	No	No	No discount

6.	2 Loan Approval System The Hill
O	last coses to ensure coverage of all
	Possible scenarios & conditions rom Coan.
	51 = input ('Enter Income status: '). lower()
	52 = input ('Enter credit Score status: '). lowerc)
	if si == 'high' and sz == 'kigh':
	Perint ('Eligible 4091 Loan')
1	eise:
	Parint ('Not Eligible for Loan')

( T 25 30			
Inco	me	Credit Scone	हारिशाधि ।
Low		Low	Not Eligible
(o w ,	9	high	Not Eliqible
high	27.1	low	Not Eligible
hìgh	, p	high	Eligible
# 9 Park		C 01	And the second s
1:11	- Control of the Cont	e-( 15 1 2 4	Augus.

6.3	Tonassic Light control system
7 4 gi	Design testcases for Tanas
	Tonaffic Light control system  Design testcases for Traffic light control system  91 = input (Enter Time of Docy: 1)  52 = input (Enter Time of Docy: 1)
1.	52 = inPut('Enter Trass.

52 = inPut('Enter Toaffic Density: 1).lower() if '52' = 'high': "h-6"

Parint ('Red')

else:

Print (Graeen')

Time of Day	Sold South	1
of pay	Traffic Density	Signal Patter
Brinsom	Low	Green
Mooning	High	* ****
Afternoon	Contract	Red
Afternoon	Low	Green
THE HOOM	High	Red
Evenin a	Low	Growen
Evening	High	Red
Night	low	Green
Night John	High	Red