

LABORATORY WORK BOOK

		Semester.					2	19	5	I Num	0	5 6	5 5
		de ACICO9 Course	7.5	4 1 2 13	2 2 2				1				
		e Course Faculty. Mr. ACH											
Exe	rcise Nu	ımber :		Week	Number :	17	4)	1 10 74	Da	ite :	21.7	1124	
			MARKS AWARDED										
S. No	Exercise Number	EXERCISE NAME		Aim/	Algorithm / Procedure Performance in the Lab			alculations	Program Execution Results and Error Analysis		Viva - Voce	Total	
	Wantbel	$M \sim V$	Preparation 4					nd Graphs					
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1	12-1	Library Management System	411	V		N		4		,	J	U	20
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Signature of the Student

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12.1 library Management system
   Databse setup:
   import salite 3
   def ct():
   cn = salites. connect ('library, db')
      C& = Cn. cursor()
      cr. execute (" coneate table if not exists
       Students (St.id Text Primary Key,
             name Text not null,
   address Text not nully
            Phone Text not null) ")
      cn.commitC)
      cn.close()
  c+C)
  Add Student functionality:
  def as (st_id, name, address, phone):
     cn = salites. connect ('library.db')
     (8 = Cn. cursor()
     F&X:
        Cr. execute ("
           insert into Students (St_id, name, address, Phone)
           values ( 1, 2, 2, 2) "))
     cn. commit()
   (cn. close ()
```

```
OUTPUT:
  Name sti Johnii
   St_1d: "5001"
  Address: "123 Main Still
                           CORPLEMENT A TO
   Phone: "555-1234"
   Student added successfully
         Entra Charles in interna of the Company of the same of
11.2 E-commerce Application
                              ( ) + ( carps ) · ra =
   Database setup:
                                      4679523
   import solites ( redeix theods daubory ) dais
   get CFC):
                                    - n. closec)
     cn = salites. connect (recommerce.db')
      co = cn. cursor()
     co. execute ("1 create table (Pd_Id Text Primary Xey)
            (d) name Text ) not mull, estille
                description rext, socious in
           Stock integer not null)")
      Cn.commit()
                                19 mi 1 007
      Cn. close () ((c)) / bi-+subort ) +airs
   C+C)
                      Point ( Mame: 1 ilis)
                  Point ('Desconsption: 1, 1(23)
                     ([E] [ 1:93] [ 1:3])
                     Point ( stock: , itil)
                                   CD52015-113
```

```
Add Product Functionally:
der
      ap (Pd-id, name, description, price, stock):
   cn = salite3. connect('ecommerce.db')
       CA. execute(" meet into booquet(2,2,2,2,3)
               Values (Pd.id, name, descaription, price, stock)")
        cn. commit()
    except:
       Point (, Product already exists;)
    cn. closec)
             si is s. connect ('economerce.d')
 Display Product_functionality: ( ) october - 10:
 defond PC): es dialité le la soi (") etures - es
    cn = salites. connect ( ecommerce.db1)
    co = cn.cursorcotx or noisvio
     Co, execute ("select * from Producti)
     P = co. fetchalich poloty House
     908 1 1m P=
                                    C) - i amoit (C)
          Print ( Product-id: ), i [0]
           Print ('Name: 1, 1 [1])
           Point ('Desconption: ', i[2])
           Print(Price: 1, 1[3])
           Point ('Stock: 1, i[4])
      cn-closed
```

OUTPUT:

Product_id: " 5065"

Name: "laptop"

pesceription: "highest product"

Price: 50000

Stock: 2

Product added successfully

Solar