Solution 1a :

```
# Program to count the occurrence of any word in a text file
count = 0
fr = open("Story.txt", "w")
txt = input("Enter the text for file : ")
fr.write(txt)
print("File Successfully Created")
fr.close()

wsearch = input("Enter the word to search in text file : ")
print("\nReading file story.txt\n")
fr = open("Story.txt", "r")
d = fr.read()
word = d.split()
for x in word:
      if(x == wsearch):
         count = count + 1
print("Number of times ",wsearch, " occured : ",count)
fr.close()
```

Solution 2b :

```
#Program of stacks operation
employee = [ ]
employee = [('101', 'Kamal'), ('102', 'Rajesh'),('103','kush')]

def push_emp():
        empid = input("Enter employee id : ")
        ename = input("Enter employee name : ")
        emp = (empid, ename)
        employee.append(emp)
        print("Employee successfully added to stack")
        print()

def show_emp():
         x = len(employee)
         while(x>0):
                 print(employee[x-1])
                 x = x -1
          print()
print("Existing employee : ")
show_emp()
push_emp()
print("Existing employee after push operation")
show_emp()
```

Solution 1c :

```
#append data from user in csv file
import csv
F = open("item.csv", "a", newline ='')
W = csv.writer(F)
N = int(input("No. of records to enter : "))
```

```
for i in range(N):
   ino = int(input("Enter Item No. : "))
   iname= input("Enter Item Name : ")
   iprice = int(input("Enter Item Price : "))
   L = [ino, iname, iprice]
   W.writerow(L)
   print("Records successfully added\n")
F.close()
```

Solution 2:

```
#Program to view available databases in MySQL
import mysql.connector
mydb = mysql.connector.connect(host="localhost", user = "root", passwd = "root")
mycursor = mydb.cursor()
mycursor.execute("Create Database if not exists MyDB01")
print("Database MyDB01 Created Successfully")

# Creating Table Students
mydb = mysql.connector.connect(host="localhost", user = "root", passwd = "root", database =
"MyDB01")
mycursor = mydb.cursor()

mycursor.execute("CREATE TABLE if not exists student(Rollno int(3) Primary Key, Sname
varchar(15), age integer)")
print("Table successfully created")

mycursor = mydb.cursor()
mycursor.execute("show tables")
print("Available tables")
for x in mycursor:
   print(x)

#  Insert data into table
sql1 = "insert into student values(1001, 'Ashutosh',15)"
mycursor.execute(sql1)
mydb.commit( )
sql2 = "insert into student values(1002, 'Prateek',14)"
mycursor.execute(sql2)
mydb.commit( )

# Show data from table
sql = "select * from student"
mycursor.execute(sql)
rows = mycursor.fetchall()
print("RollNo Name Age")
for x in rows:
        for y in x:
                print(y,end=" ")
        print()
```