

## Assignment-26

**Q 1. Create a vb.net application to maintain items information.**

**Item (Item\_no, Item\_name, Cost, Quantity).**

**Design proper form which searches for a particular item. If it is found then accept new cost and quantity otherwise insert new record in the table. Also generate report of out-of-stock item name in data grid view.**

**Code: -**

### **'Coding of Form 1**

**Imports** System.Data.OleDb

**Public Class** Form1

**Public** conn **As New** OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Users\rkd87\OneDrive\Desktop\Inventory.accdb")

**Public** cmd **As New** OleDbCommand

**Public** da **As New** OleDbDataAdapter

**Public** dt **As New** DataTable

**Public** dr **As** OleDbDataReader

**Public Sub** select\_out\_of\_item()

cmd = **New** OleDbCommand("select \* from table1 where Quantity=0", conn)

da.SelectCommand = cmd

dt.Clear()

da.Fill(dt)

DataGridView1.DataSource = dt

**End Sub**

**Public Sub** retri\_item()

cmd = **New** OleDbCommand("select \* from table1 where Pro\_name'" & TextBox1.Text & "' ", conn)

da.SelectCommand = cmd

dt.Clear()

da.Fill(dt)

DataGridView1.DataSource = dt

**End Sub**

**Public Sub** select\_all()

cmd = **New** OleDbCommand("select \* from table1 ", conn)

da.SelectCommand = cmd

dt.Clear()

da.Fill(dt)

DataGridView1.DataSource = dt

**End Sub**

**Private Sub** Form1\_Load(**ByVal** sender **As** System.Object, **ByVal** e **As** System.EventArgs) **Handles** MyBase.Load

select\_all()

**End Sub**

**Private Sub** Button1\_Click(**ByVal** sender **As** System.Object, **ByVal** e **As** System.EventArgs) **Handles** Button1.Click

```

cmd = New OleDbCommand("select * from table1 where Pro_name='" & TextBox1.Text & "'",
conn)
conn.Open()
dr = cmd.ExecuteReader
If dr.Read Then
    da.SelectCommand = cmd
    dt.Clear()
    conn.Close()
    da.Fill(dt)
    DataGridView1.DataSource = dt
    Dim res = MsgBox("Do you want to update the cost and Quantity ? ", MsgBoxStyle.YesNo)

    If res = MsgBoxResult.Yes Then
        Form3.Show()
    End If

Else
    MsgBox(" Item not found, do you want to enter new record ? ")
    Form2.Show()
End If
conn.Close()
End Sub

Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles
Button2.Click
    select_all()
End Sub

Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles
Button3.Click
    select_out_of_item()
End Sub
End Class

```

### **‘Coding of Form 2**

Imports System.Data.OleDb

Public Class Form2

```

Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles
Button1.Click
    Form1.cmd = New OleDbCommand("insert into table1 values(" & TextBox1.Text & "," &
TextBox2.Text & "," & TextBox3.Text & "," & TextBox4.Text & ")", Form1.conn)
    Form1.conn.Open()
    Form1.cmd.ExecuteNonQuery()
    Form1.conn.Close()
    Me.Close()
End Sub
End Class

```

### **‘Coding of Form 3**

Imports System.Data.OleDb

Public Class Form3

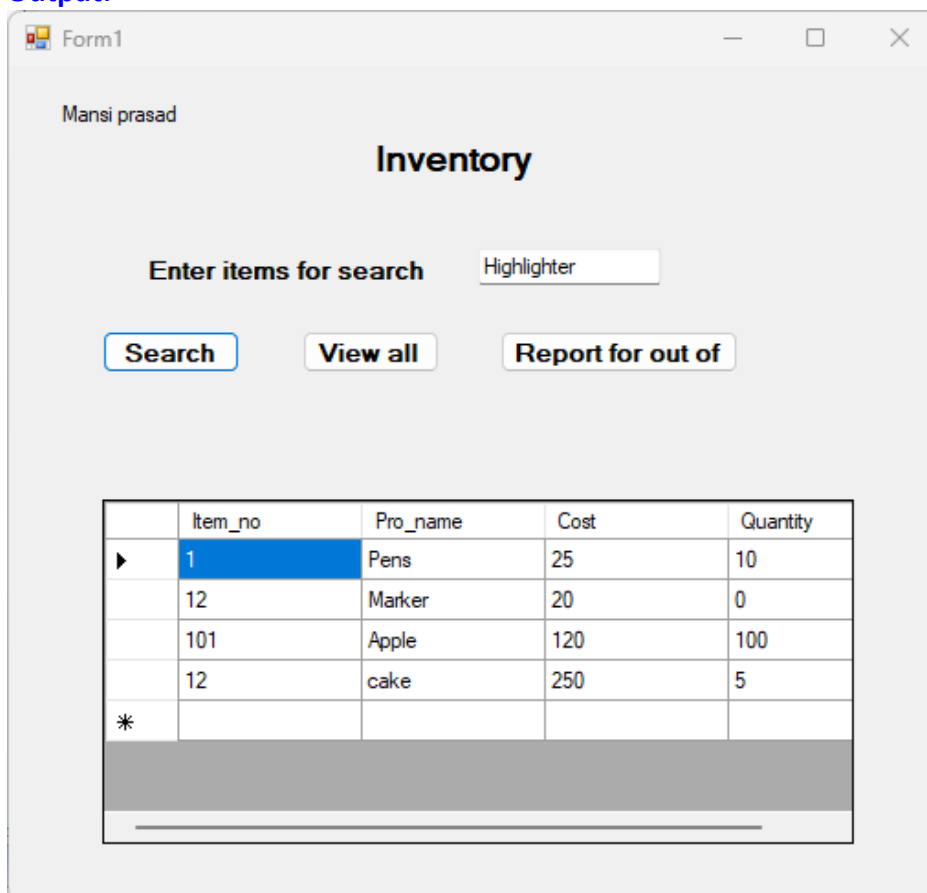
```

Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles
Button1.Click
    Form1.cmd = New OleDbCommand("update table1 set Cost=" & TextBox3.Text & ",Quantity=" &
TextBox4.Text & " where Pro_name=" & TextBox2.Text & " ", Form1.conn)
    Form1.conn.Open()
    Form1.cmd.ExecuteNonQuery()
    Form1.conn.Close()
    Form1.select_all()
    Close()
End Sub

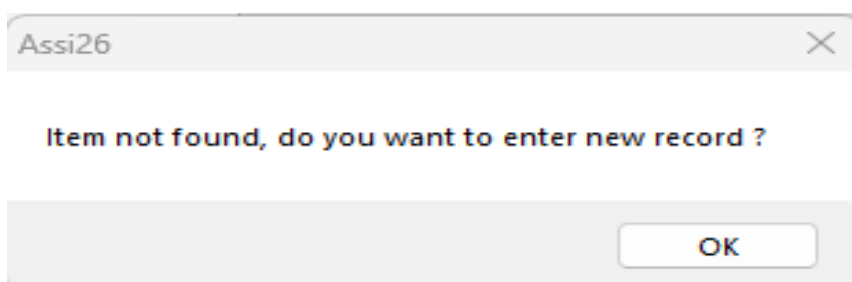
Private Sub DataGridView1_CellContentClick(ByVal sender As System.Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs)
    Form1.select_all()
End Sub
End Class

```

**Output: -**



	Item_no	Pro_name	Cost	Quantity
▶	1	Pens	25	10
	12	Marker	20	0
	101	Apple	120	100
	12	cake	250	5
*				



Item not found, do you want to enter new record ?

OK

Form2

Mansi prasad

Entry of new item

Item no :

13

Name :

Highlighter

Cost :

30

Quantity :

10

Insert

Mansi prasad

## Inventory

**Enter items for search**

 Marker
 

**Search**
**View all**
**Report for out of**

	Item_no	Pro_name	Cost	Quantity
▶	12	Marker	10	10
*				

Assi26

Do you want to update the cost and Quantity ?

Yes No

Form3

Mansi prasad

### Inventory update

Item no : 12

Name : Marker

Cost : 20

Quantity : 0

Update

Form1

Mansi prasad

## Inventory

Enter items for search

	Item_no	Pro_name	Cost	Quantity
▶	1	Pens	25	10
	12	Marker	20	0
	101	Apple	120	100
	12	cake	250	5
	13	Highlighter	30	10
*				

Form1

Mansi prasad

## Inventory

Enter items for search

	Item_no	Pro_name	Cost	Quantity
▶	12	Marker	20	0
*				