using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Data;

using System.Data.OleDb;

using System.Xml;

using System.Xml.Schema;

using System.IO;

using System.Collections;

namespace ConsoleApplication19

{

class Program

{

private static bool esValid = true;

static void Main(string[] args)

{

int op;

string connectionString;

do

{

Console.WriteLine("1. Ver stocks");

Console.WriteLine("2. Fer comanda");

Console.WriteLine("3.Rebre albarà");

Console.WriteLine("4. ");

Console.WriteLine("99. Salir");

op = Convert.ToInt32(Console.ReadLine());

switch (op)

{

case 1: // mostrar pantalla la BD

string connectionString;

connectionString = "Provider=Microsoft.ACE.OLEDB.12.0;Data Source=Botiga1.accdb;Persist Security Info=False;";

OleDbConnection connexio = new OleDbConnection(connectionString);

connexio.Open();

OleDbDataAdapter da = new OleDbDataAdapter("Select Model, Marca, Descripció, Preu, qta from Botiga", connexio);

DataSet ds = new DataSet();

da.Fill(ds);

Console.WriteLine("|----------------------------------------------------------------|");

Console.WriteLine("| MODEL | MARCA | DESCRIPCIÓ | PREU | QTA |");

Console.WriteLine("|----------------------------------------------------------------|");

for (int fila = 0; fila < ds.Tables[0].Rows.Count; fila++)

{

Console.Write("|{0,15}", ds.Tables[0].Rows[fila][0].ToString());

Console.Write("|{0,13}", ds.Tables[0].Rows[fila][1].ToString());

Console.Write("|{0,18}", ds.Tables[0].Rows[fila][2].ToString());

Console.Write("|{0,8}", ds.Tables[0].Rows[fila][3].ToString());

Console.Write("|{0,6}|", ds.Tables[0].Rows[fila][4].ToString());

Console.Write("\n|----------------------------------------------------------------|\n");

}

connexio.Close();

break;

case 2:

string connectionString;

connectionString = "Provider=Microsoft.ACE.OLEDB.12.0;Data Source=Botiga1.accdb;Persist Security Info=False;";

OleDbConnection connexio = new OleDbConnection(connectionString);

connexio.Open();

OleDbDataAdapter da = new OleDbDataAdapter("Select Model, Marca, Descripció, Preu, qta from Botiga", connexio);

DataSet ds = new DataSet();

da.Fill(ds);

for (int fila = 0; fila < ds.Tables[0].Rows.Count; fila++)

{

Console.Write("MODEL: " + ds.Tables[0].Rows[fila][0].ToString());

Console.Write(" MARCA: " + ds.Tables[0].Rows[fila][1].ToString());

Console.WriteLine(" DESCRIPCIÓ: " + ds.Tables[0].Rows[fila][2].ToString());

Console.WriteLine(" PREU: " + ds.Tables[0].Rows[fila][3].ToString());

Console.WriteLine(" QTA: " + ds.Tables[0].Rows[fila][4].ToString());

}

OleDbCommand cmd = new OleDbCommand();

cmd.Connection = connexio;

Console.WriteLine("Entra model: ");

string model = Convert.ToString(Console.ReadLine());

cmd.CommandText = "UPDATE Botiga1 SET QTA = QTA - 1 WHERE MODEL = " + model + ";";

cmd.ExecuteNonQuery();

da = new OleDbDataAdapter("Select model, marca, descripció, preu, qta from Botiga1", connexio);

ds = new DataSet();

da.Fill(ds);

for (int fila = 0; fila < ds.Tables[0].Rows.Count; fila++)

{

Console.Write("MODEL: " + ds.Tables[0].Rows[fila][0].ToString());

Console.Write(" MARCA: " + ds.Tables[0].Rows[fila][1].ToString());

Console.WriteLine(" DESCRIPCIÓ: " + ds.Tables[0].Rows[fila][2].ToString());

Console.WriteLine(" PREU: " + ds.Tables[0].Rows[fila][3].ToString());

Console.WriteLine(" QTA: " + ds.Tables[0].Rows[fila][4].ToString());

}

connexio.Close();

break;

case 3:

string alabra = "dtd/article.xml";

if (File.Exists(alabra))

{

XmlReaderSettings settings = new XmlReaderSettings();

settings.DtdProcessing = DtdProcessing.Parse;

settings.ValidationType = ValidationType.DTD;

settings.ValidationEventHandler += new ValidationEventHandler(metoderrorvalidacio);

XmlReader reader = XmlReader.Create(alabra, settings);

while (reader.Read()) ;

if (esValid)

{

Console.WriteLine("Forma albara bé");

connectionString = "Provider=Microsoft.ACE.OLEDB.12.0;Data Source=Botiga1.accdb;Persist Security Info=False;";

connexio = new OleDbConnection(connectionString);

connexio.Open();

XmlDocument doc = new XmlDocument();

doc.Load("dtd/albara.xml");

XmlNodeList dadesArrel = doc.GetElementByTagName("article");

XmlNodeList articles = ((XmlElement)dadesArrel[0]).GetElementsByTagName("article");

XmlNodeList ModelXML, QTAXML;

foreach (XmlElement article in articles)

{

ModelXML = article.GetElementsByTagName("Model");

QTXML = article.GetElementsByTagName("QTA");

model = Convert.ToString(Console.ReadLine());

Console.WriteLine(model + " ; " + QTA);

OleDbCommand cmd = new OleDbCommand();

cmd.CommandText = "UPDATE Botiga1 SET QTA = 20 WHERE MODEL = " + model;

cmd.ExecuteNonQuery();

}

connexio.Close();

}

else Console.WriteLine("El document NO és vàlid");

}

break;

case 4:

string Botiga1 = "C:/dtd/persona";

if (!File.Exists(nomArxiu))

break;

}

} while (op != 99);

}

public static void metoderrorvalidacio(object sender, ValidationEventArgs args)

{

esValid = false;

Console.WriteLine("esdeveniment de validacio " + args.Message);

}

}

}