```
private void timer_md_query_Tick_Tick_1(object sender, EventArgs e)
        {
            try
            {
                string connected;
                DatabaseConnection check = new DatabaseConnection();
                connected = check.checkDatabase();
                totalnum1 = 0;
                totaltime++;
                lblTime.Text = totaltime.ToString();
                epcs_list = ReaderControllor.GetMultiEPC();
                lblNumVhcls.Text = epcs_list.Count.ToString();
                for (int index = 0; index < epcs_list.Count; index++)
                {
                    str_epc = epcs_list[index].epc;
                    str_pc = epcs_list[index].PC.ToString("X2");
                    str_read_cnt = epcs_list[index].count.ToString();
                    str_ant_id = epcs_list[index].antID.ToString();
                    str_dev = epcs_list[index].dev;
                    //str_ip = epcs_list[index].ClientIP;
                    str_time = epcs_list[index].time;
                    str_rssi = epcs_list[index].RSSI.ToString("f1");
                    direction = epcs_list[index].direction.ToString();
                    totalnum1 += epcs_list[index].count;
                    string scanTime;
                    double pri;
                    double price2=0;
                    bool Exist = false;
                    int item_index = 0;
                    string count2;

                    foreach (ListViewItem viewitem in this.listView_md_epc.Items)
                    {
                        using (SqlConnection conn = new
SqlConnection(DatabaseConnection.connectionStr))
                        {
                            conn.Open();
                            string querry = "UPDATE Contacts SET
Count=@str_read_cnt,Account=@pric where SerialNumber = '" + str_epc + "'";
                            string querry2 = "UPDATE DeviceData SET
AntID=@str_ant_id,PC=@str_pc,RSSI=@str_rssi,Count=@str_read_cnt,Dir=@direction,LastTime=@
str_time,DevID=@str_dev where SerialNumber = '" + str_epc + "'";

                            string querry3 = "SELECT Account from CONTACTS where
SerialNumber = '" + str_epc + "'";// Gets the amount of money that the user has in his
account
                            string querry4 = "SELECT LastTime from DeviceData where
SerialNumber = '" + str_epc + "'";// Gets the time of the last scan
                            using (SqlCommand cmd3 = new SqlCommand(querry3, conn))
                            {
                                pri = Convert.ToDouble(cmd3.ExecuteScalar());
                            }
                            using (SqlCommand cmd4 = new SqlCommand(querry4, conn))
                            {
                                scanTime = cmd4.ExecuteScalar().ToString();
                            }
                            int results = (int)(Convert.ToDateTime(DateTime.Now) -
Convert.ToDateTime(scanTime)).TotalMilliseconds;// Calculates the interval between the
scan now and the last scan

// Determines the amount of money to subtract from the user’s account
                            if (results >= 10000)
                            {

                                using (SqlCommand cmd = new SqlCommand(querry, conn))
                                {
                                    cmd.Parameters.AddWithValue("@str_read_cnt",
str_read_cnt);
                                    price2 = pri - (Convert.ToDouble(str_read_cnt) *
price);
                                    cmd.Parameters.AddWithValue("@pric", price2);
                                    cmd.ExecuteNonQuery();

                                }
                                conn.Close();
                                conn.Open();
// Saves all the data in the database
                                using (SqlCommand cmd2 = new SqlCommand(querry2, conn))
                                {
                                    cmd2.Parameters.AddWithValue("@str_read_cnt",
str_read_cnt);
                                    cmd2.Parameters.AddWithValue("@str_ant_id",
str_ant_id);
                                    cmd2.Parameters.AddWithValue("@str_pc", str_pc);
                                    cmd2.Parameters.AddWithValue("@direction",
direction);
                                    cmd2.Parameters.AddWithValue("@str_time", str_time);
                                    cmd2.Parameters.AddWithValue("@str_dev", str_dev);
                                    cmd2.Parameters.AddWithValue("@str_rssi", str_rssi);
                                    cmd2.ExecuteNonQuery();

                                    conn.Close();
                                }
                                results = 0;
                            }
                            else
                            {
                                //MessageBox.Show("Less than 1 minute");
                                //count2 = "1";
                                using (SqlCommand cmd = new SqlCommand(querry, conn))
                                {
                                    cmd.Parameters.AddWithValue("@str_read_cnt",
str_read_cnt);
                                    cmd.Parameters.AddWithValue("@pric", pri);
                                    cmd.ExecuteNonQuery();
                                }
                            }

                        }
                        if ((viewitem.SubItems[listView_md_epc_EPC].Text == str_epc) &&
(viewitem.SubItems[listView_md_epc_IP].Text == str_dev))
                        {
                            viewitem.SubItems[listView_md_epc_AntID].Text = str_ant_id;
                            viewitem.SubItems[listView_md_epc_Count].Text = str_read_cnt;
                            viewitem.SubItems[listView_md_epc_Last_Time].Text = str_time;
                            viewitem.SubItems[listView_md_epc_PC].Text = str_pc;
                            viewitem.SubItems[listView_md_epc_Rssi].Text = str_rssi;
                            viewitem.SubItems[listView_md_epc_Direction].Text = 
direction;
                            Exist = true;
                        }

                    }
                    if (!Exist)
                    {
                        ListViewItem item = new 
ListViewItem((this.listView_md_epc.Items.Count + 1).ToString());
                        item.SubItems.Add(str_ant_id);
                        item.SubItems.Add(str_epc);
                        item.SubItems.Add(str_pc);
                        item.SubItems.Add(str_rssi);
                        item.SubItems.Add(str_read_cnt);
                        item.SubItems.Add(str_dev);
                        item.SubItems.Add(str_time);
                        item.SubItems.Add(direction);
                        this.listView_md_epc.Items.Add(item);
                        this.listView_md_epc.Items[this.listView_md_epc.Items.Count - 
1].EnsureVisible();
                        this.listView_md_epc.Items[this.listView_md_epc.Items.Count - 
1].Selected = true;
                        this.listView_md_epc.Items[this.listView_md_epc.Items.Count - 
1].BackColor = System.Drawing.Color.FromArgb(red: 200, blue: 200, green: 200);
                        break;
                    }
                }
            }
```