.NET PROGRAMMING LAB

ASSINGNMENT-1

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Question-2

CODE:

Class Library code:

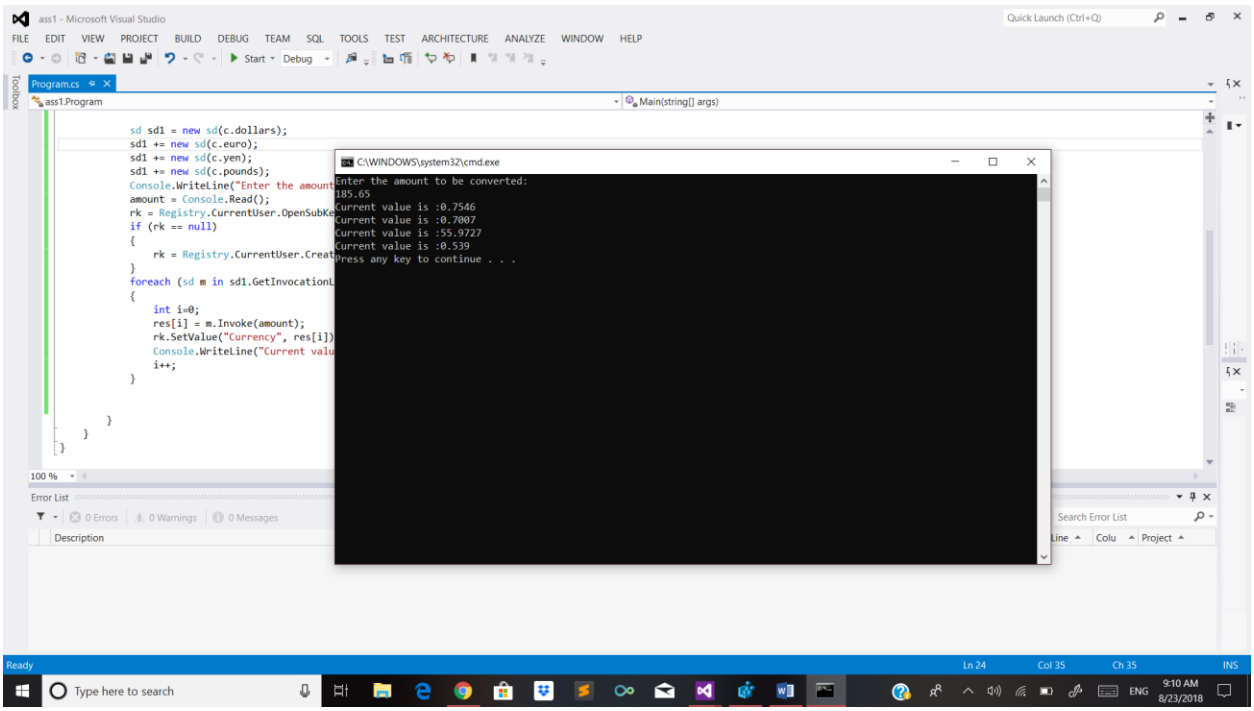
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace ass1class
{
    public class currency
    {
        double current;
        public double dollars(double a)
        {
            current = a * 0.0154;
            return (current);
        }
        public double euro(double a)
        {
            current = a * 0.0143;
            return (current);
        }
        public double yen(double a)
        {
            current = a * 1.1423;
            return (current);
        }
        public double pounds(double a)
        {
            current = a * 0.011;
            return (current);
        }
    }
}
```

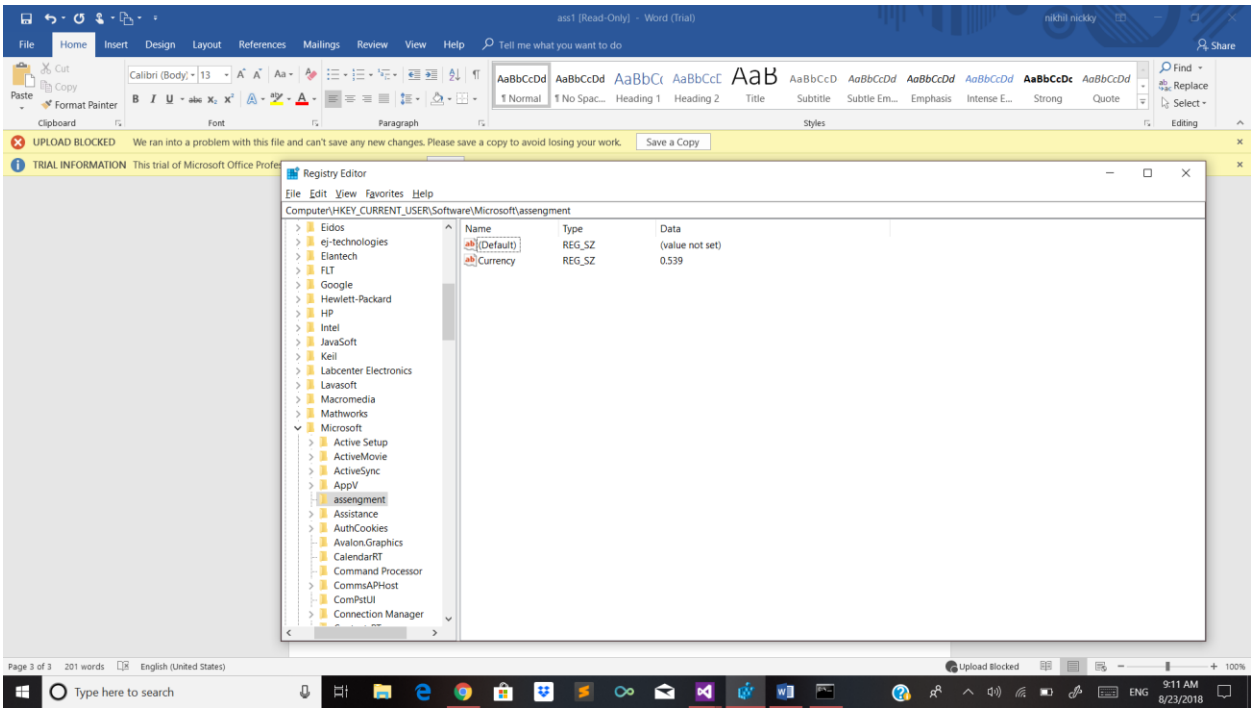
Console Application code:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
```

```
using System.Threading.Tasks;
using Microsoft.Win32;
using ass1class;

public delegate double sd(double a);

namespace ass1
{
    class Program
    {
        static void Main(string[] args)
        {
            RegistryKey rk;
            double amount;
            double[] res;
            res = new double[10];
            ass1class.currency c = new ass1class.currency();

            sd sd1 = new sd(c.dollars);
            sd1 += new sd(c.euro);
            sd1 += new sd(c.yen);
            sd1 += new sd(c.pounds);
            Console.WriteLine("Enter the amount to be converted:");
            amount = Console.Read();
            rk = Registry.CurrentUser.OpenSubKey("Software\\Microsoft\\assengment",
true);
            if (rk == null)
            {
                rk =
Registry.CurrentUser.CreateSubKey("Software\\Microsoft\\assengment");
            }
            foreach (sd m in sd1.GetInvocationList())
            {
                int i=0;
                res[i] = m.Invoke(amount);
                rk.SetValue("Currency", res[i]);
                Console.WriteLine("Current value is :" + rk.GetValue("Currency"));
                i++;
            }


        }
    }
}
```

Output:


ass1 - Microsoft Visual Studio
Program.cs
ass1.Program
Main(string[] args)
sd sd1 = new sd(c.dollars);
sd1 += new sd(c.euro);
sd1 += new sd(c.yen);
sd1 += new sd(c.pounds);
Console.WriteLine("Enter the amount
amount = Console.Read();
if (rk == null)
foreach (sd m in sd1.GetInvocationL
int i=0;
res[i] = m.Invoke(amount);
rk.SetValue("Currency", res[i])
Console.WriteLine("Current valu
i++;
C:\WINDOWS\system32\cmd.exe
Enter the amount to be converted:
185.65
Current value is :0.7546
Current value is :0.7007
Current value is :55.9727
Current value is :0.539
Press any key to continue . . .
Error List
0 Errors
0 Warnings
0 Messages
Description
Search Error List
Ready
Ln 24
Col 35
Ch 35
INS
Type here to search
ENG
9:10 AM
8/23/2018


ass1 [Read-Only] - Word (Trial)
nikhil nickky
File
Home
Insert
Design
Layout
References
Mailings
Review
View
Help
Tell me what you want to do
Share
Paste
Cut
Copy
Format Painter
Clipboard
Font
Paragraph
Styles
Find
Replace
Select
Editing
UPLOAD BLOCKED
We ran into a problem with this file and can't save any new changes. Please save a copy to avoid losing your work.
Save a Copy
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File Edit View Favorites Help
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ej-technologies
Elantech
FLT
Google
Hewlett-Packard
HP
Intel
JavaSoft
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Labcenter Electronics
Lavasoft
Macromedia
Mathworks
Microsoft
Active Setup
ActiveMovie
ActiveSync
AppV
assengment
Assistance
AuthCookies
Avalon.Graphics
CalendarRT
Command Processor
CommsAPHost
ComPstUI
Connection Manager
Name
Type
Data
(Default)
REG_SZ
(value not set)
Currency
REG_SZ
0.539
Page 3 of 3
201 words
English (United States)
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8/23/2018