

### 구구단 3줄 for문

```
private void button1_Click(object sender, EventArgs e)
```

```
{
    textBox1.Text = "";
    for (int i = 1; i < 10; i+=3)
    {
        for (int j = 1; j < 10; j++) {
            for (int n = 0; n < 3; n++)
            {
                textBox1.Text = textBox1.Text + (i+n) + "X" + j + "=" + (j
* (i+n)) + " ";
            }
            textBox1.Text = textBox1.Text + "rWn";
        }
        textBox1.Text = textBox1.Text + "rWn";
    }
}
```

### 역순 while문

```
private void button1_Click(object sender, EventArgs e)
```

```
{
    uint i = 8;
    uint j = 1;
    uint n = 0;
    textBox1.Text = "";
    while (i > 0)
```

```

{
    while (j < 10)
    {
        while (n < 2)
        {
            textBox1.Text = textBox1.Text + (i + n) + "X" + j + "=" +
(j * (i + n)) + "    ";//3개출력

            n++;
        }
        n = 0;
        textBox1.Text = textBox1.Text + "WrWn";// j 값추가후 반복
        j++;
    }
    j = 1;
    textBox1.Text = textBox1.Text + "WrWn";// i 값추가후 반복
    i -= 2;
}
}

```

역순 3줄 구구단foreach문

```
private void button1_Click(object sender, EventArgs e)
```

```

{
    uint[] iDan = { 8, 6, 4, 2 };
    uint[] i = { 1, 2, 3, 4, 5, 6, 7, 8, 9 };

```

```

uint[] n = { 0, 1 };

textBox1.Text = "";

foreach (uint ff in iDan)
{
    foreach (uint dd in i)
    {
        foreach (uint ss in n)
        {
            textBox1.Text = textBox1.Text + (ff + ss) + " X " + dd + "
= " + ((ff + ss) * dd) + "   ";

        }

        textBox1.Text = textBox1.Text + "WrWn";
    }

    textBox1.Text = textBox1.Text + "WrWn";
}
}

```

홀수합 짝수합 전체합

```

private void button1_Click(object sender, EventArgs e)
{
    int istart, iSuteja;
    Double dsum = 0;

    istart = int.Parse(textBox1.Text);
    iSuteja = int.Parse(textBox2.Text);
    textBox3.Text = "";
}

```

```

        for (int i = istart; i <= iSuteja; ++i)
        {
            if (i % 2 == 1)
            {
                dsum = dsum + i;
                textBox3.Text = textBox3.Text + i + " + ";
            }
        }

        textBox3.Text = textBox3.Text.Substring(0, textBox3.Text.Length -
3) + " = " + dsum; //for문 끝나고 텍스트 총 길이에서 뒤에서 3글자 지우기
    }

```

```

private void button2_Click(object sender, EventArgs e)
{
    int istart, iSuteja;
    Double dsum = 0;

    istart = int.Parse(textBox1.Text);
    iSuteja = int.Parse(textBox2.Text);
    textBox3.Text = "";

    for (int i = istart; i <= iSuteja; ++i)
    {
        if (i % 2 == 0)
        {
            dsum = dsum + i;
            textBox3.Text = textBox3.Text + i + " + ";
        }
    };

    textBox3.Text = textBox3.Text.Substring(0, textBox3.Text.Length -

```

```
3) + " = " + dsum;
```

```
}
```

```
private void button3_Click(object sender, EventArgs e)
```

```
{
```

```
    int istart, iSuteja;
```

```
    Double dsum = 0;
```

```
    istart = int.Parse(textBox1.Text);
```

```
    iSuteja = int.Parse(textBox2.Text);
```

```
    textBox3.Text = "";
```

```
    for (int i = istart; i <= iSuteja; ++i)
```

```
    {
```

```
        dsum = dsum + i;
```

```
        textBox3.Text = textBox3.Text + i + " + ";
```

```
    }
```

```
    textBox3.Text = textBox3.Text.Substring(0, textBox3.Text.Length -
```

```
3) + " = " + dsum;
```

```
}
```