

Loops

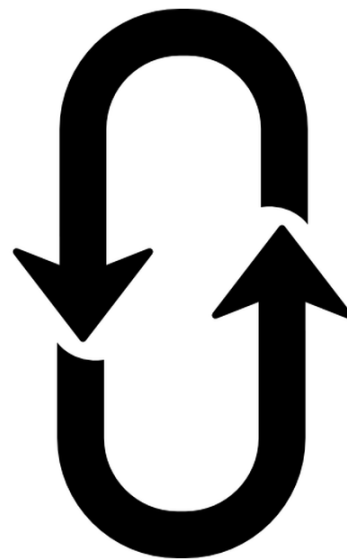


Recap

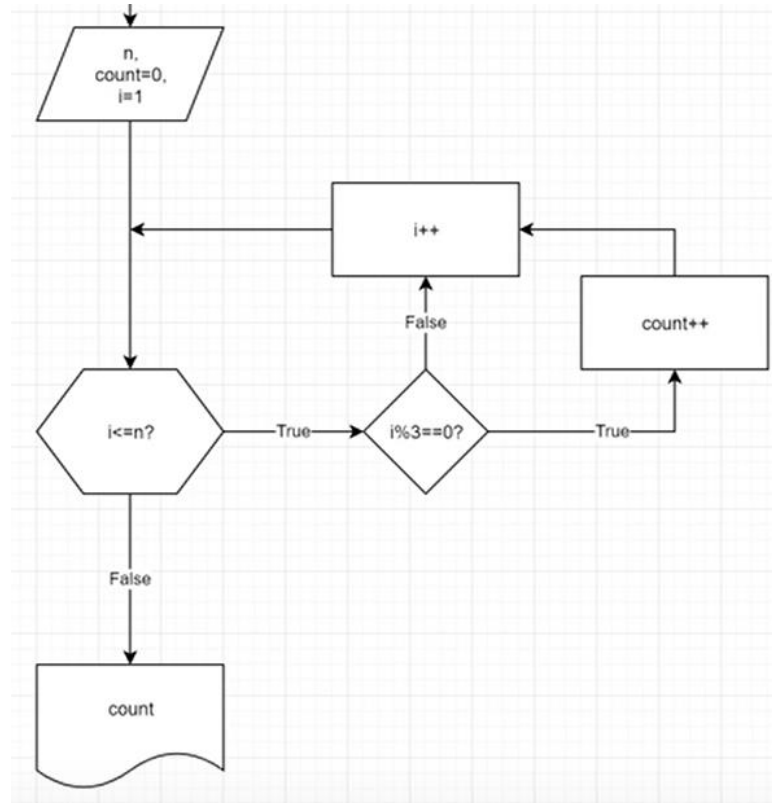
- **DataTypes**
- **Naming Conventions**
- **Homework check**
 - <http://informatika.edu.az/tasks.php?action=detail&id=404>
 - <http://informatika.edu.az/tasks.php?action=detail&id=117>
 - <http://informatika.edu.az/tasks.php?action=detail&id=115>

Loop

- A **loop** is a sequence of instructions that is continually **repeated** until a certain **condition** is reached
- While
- Do-While
- ForEach
- For
- Infinite Loops



Example 1 - With FlowChart



Example - With C#

```
static void Main(string[] args)
{
    Console.WriteLine("Reqemi daxil edin");
    int n = Convert.ToInt32(Console.ReadLine());
    int count = 0;
    int i = 1;

    while (i <= n)
    {
        if(i % 3 == 0)
        {
            count++;
        }

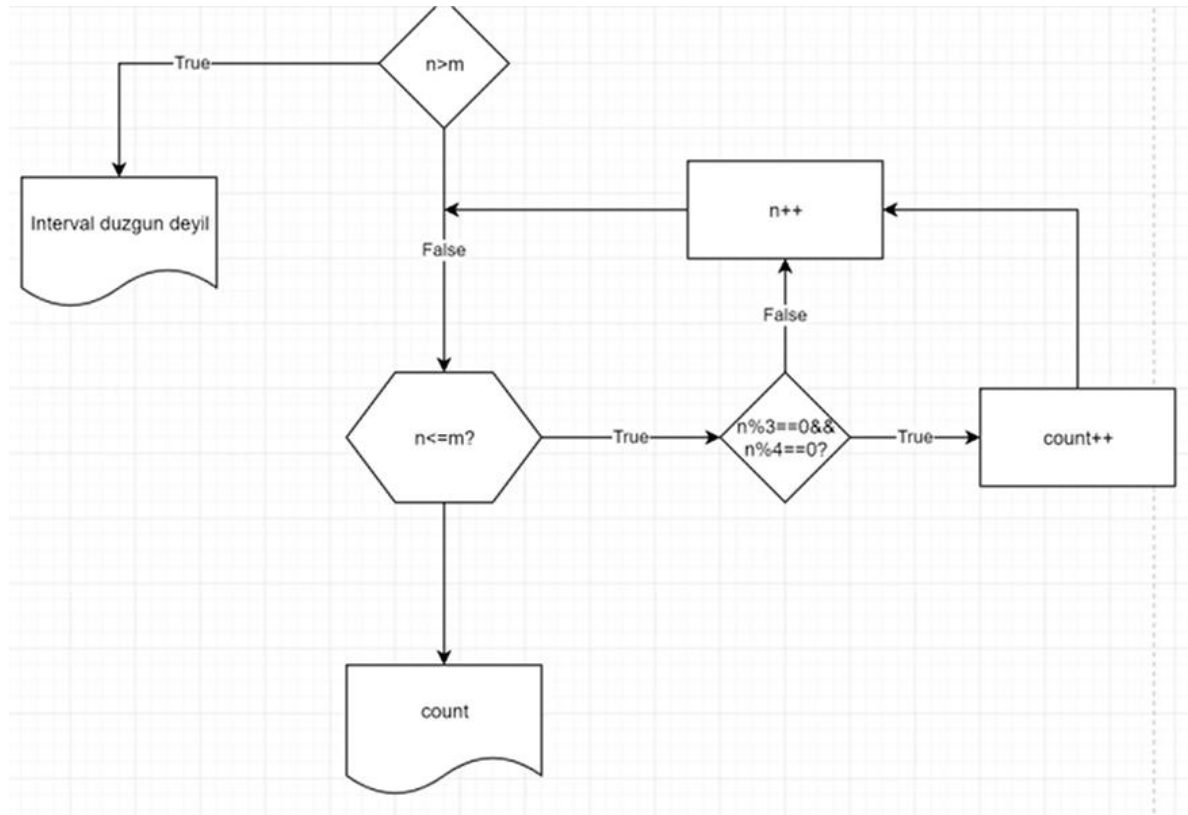
        i++;
    }

    Console.WriteLine(n+"-e qeder 3 bolunen sayi : "+ count);
}
```

Example - Your Turn

- Verilen 2 eded arasinda hem 3-e hem de 4-e bolunen ededlerin sayi
 - Inclusive Interval Anlayishi

Answer



Thanks!
Lab Tomorrow