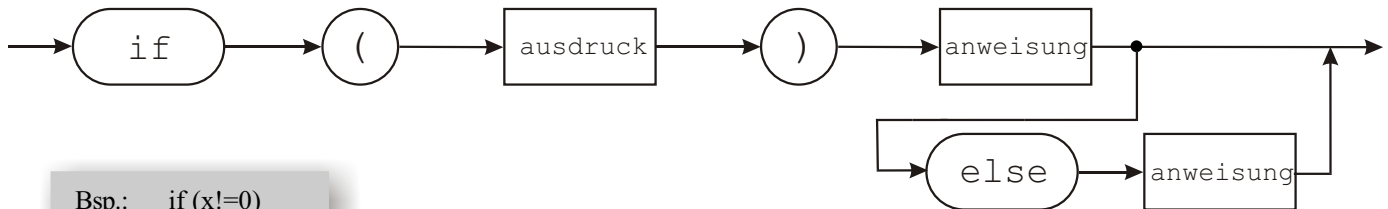


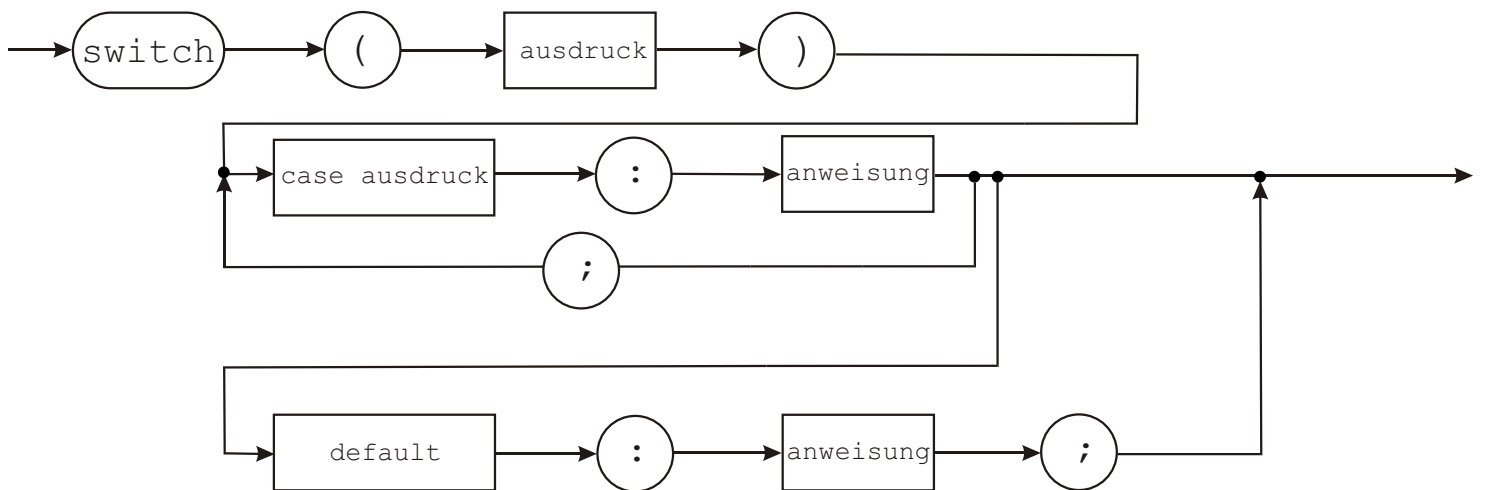
# Syntaxdiagramme der Kontrollstrukturen von C++

## Alternative / Auswahl



Bsp.: 

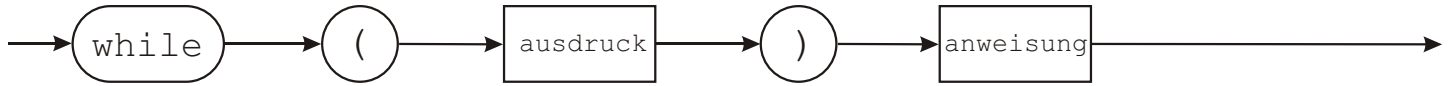
```
if (x!=0)
{
    x++
}
else
{
    x--
}
```



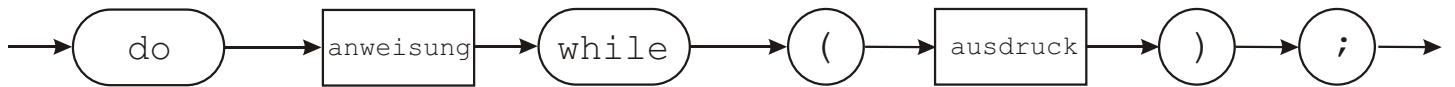
Bsp.: 

```
switch (i)
{
    case 1:    printf("1.Ausgabe");
               break;
    case 2:    printf("2.Ausgabe");
               break;
    case 3:    printf("3.Ausgabe");
               break;
    default:   printf("Fehleingabe!");
               break; /* break kann hier entfallen */
}
```

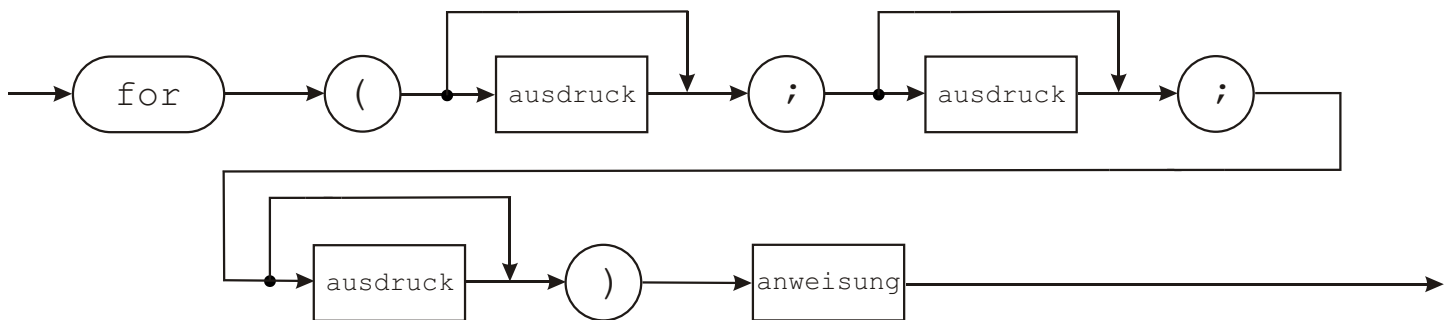
# Iterationen / Schleifen



```
Bsp.:  i = 0;
        sum = 0;
        while (i<50)
        {
            sum += i;
            i++;
        }
```



```
Bsp.:  do
        {
            printf("Eingabe Ziffer (0-9): ");
            c=getchar();
        }
    while ((c<'0') || (c>'9'));
```



```
Bsp.:  sum=0;
        for (i=0; i<50; i++)
        {
            sum+=i;
        }
```