

Control Statements Part-III

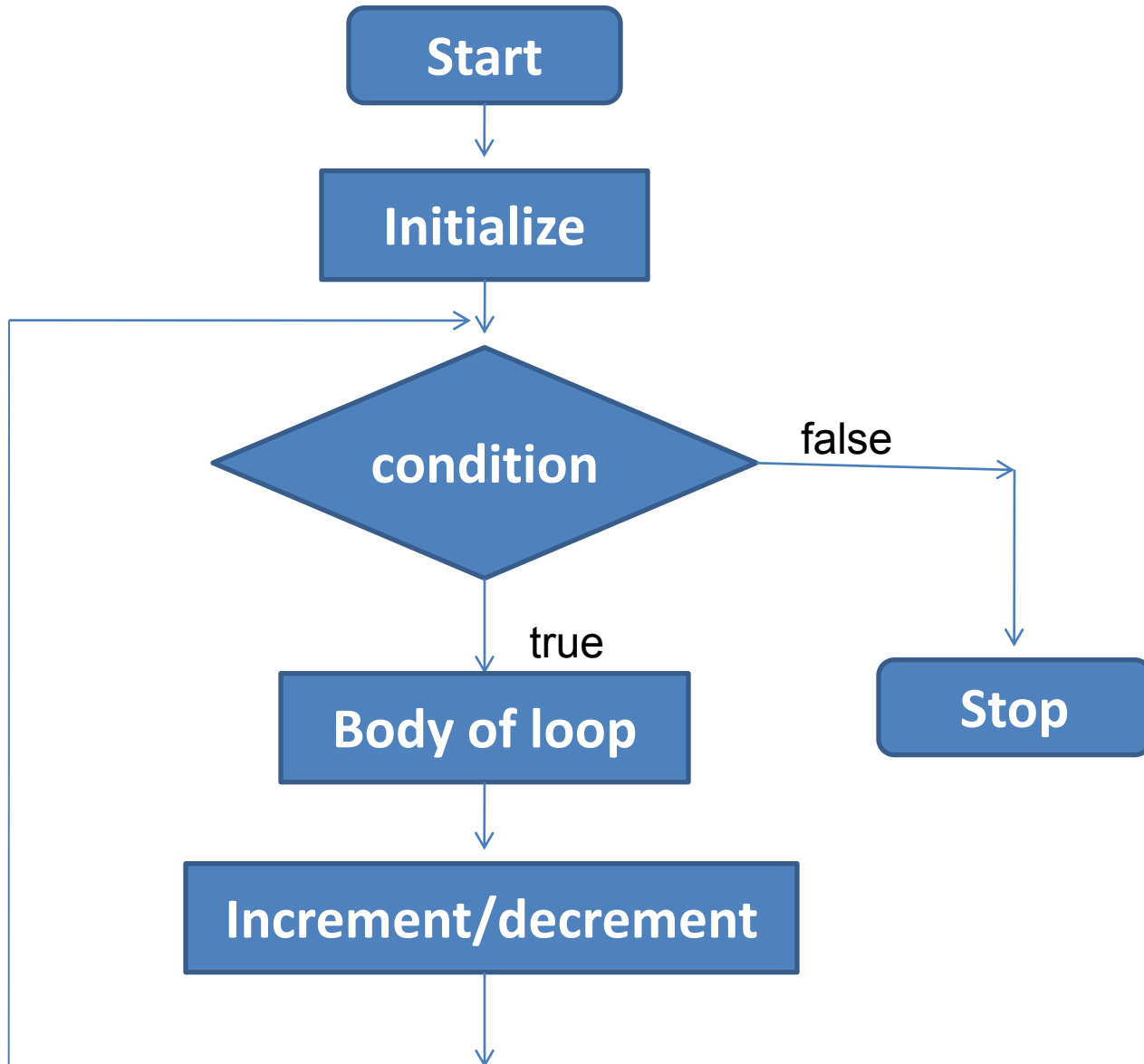
Unit-III

For..loop

**for(initialization; condition; increment/decrement)
statement1;**

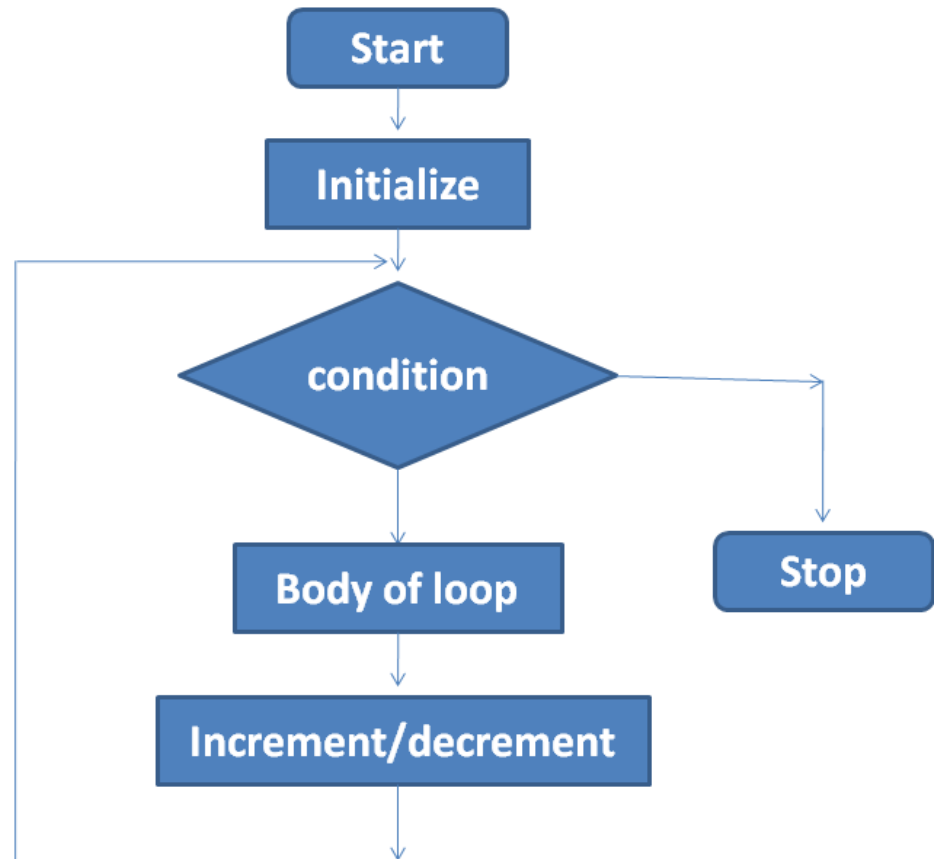
- 1.Setting a loop counter to initial values.
- 2.Testing the loop counter to determine whether its value has reached the number of repetitions, required.
- 3.Increase the value of loop counter each time the program segment within the loop has reached.

For..loop



WAP to print numbers from 1 to 10

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int i;
    for(i=1;i<=10;i++)
        printf("%d", i);
    getch();
}
```



Questions?

- WAP to print numbers from 1 to 10 in reverse order using for loop.
- WAP to print numbers from 1 to 10 with a difference of 2.
- WAP to find the sum of series upto 10 terms
 $1+2+4+7+11+16+23+....$