

Iterative Statements

① For loop

② while loop

③ Do-while loop

for loop

syn-tax

for (initialization ; $\frac{\text{limit} + \text{condition}}{\text{Expression}}$; $\frac{\text{Increment}}{\text{Decrement}} \text{ updatation}$) {

↓

WAP to print from 1 to 10

```
int main() {  
    for (int i = 1; i <= 10; i++) {  
        printf("%d \t", i);  
    }  
    return 0;  
}
```

condition

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

```
int i = 0;
for ( ; i < 10; i++) {
    printf("Sreya Nath\n");
}
```

```
int i = 0;
for ( ; ; i++) {
    if (i >= 10) {
        break;
    }
    printf("Sreya Nath\n");
}
```

```
int i = 0;
for ( ; ; ) {
    if (i == 10) break;
    printf("Sreya Nath\n");
    i++;
}
```

