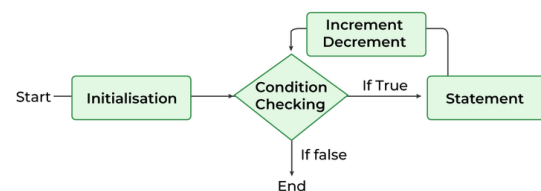
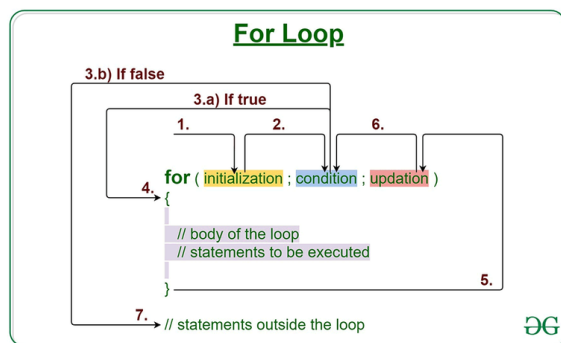


# Loop in Java

**Loops in Java** come into use when we need to repeatedly execute a block of statements.

## 1. for Loop

```
for (initialization expr; test expr; update exp)
{
    // body of the loop
    // statements we want to execute
}
```



Flow Chart For “for loop in Java”

- **Nested For Loop in Java**
- **Java Infinite for Loop**

## For-Each Loop

```
for (T element:Collection ob)
{
    // loop body
    // statement(s)
}
```

```
public class for_each_loop {
    public static void main(
        // String array
        String array[] = { "
        "Harry", "Hermoine"

        // enhanced for loop
        for (String x : arra
            System.out.print
```

```

    }
}

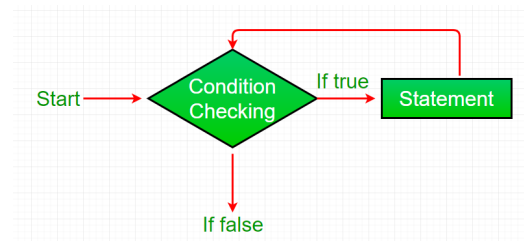
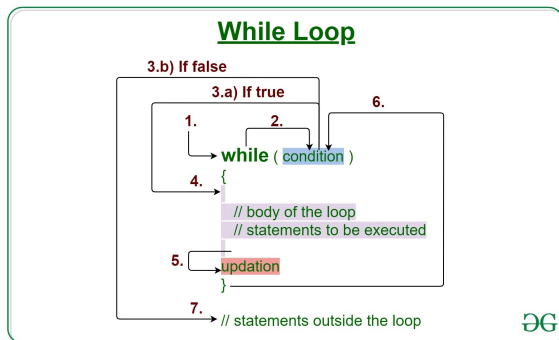
```

## 2. While Loop

```

while (test_expression)
{
    // statements
    update_expression;
}

```



## 1. Do-while Loop

```

do
{
    // Loop Body
    Update_expression
}
// Condition check
while (test_expression);

```

