Chapter 5 Loop Control instructions by Munawar

Sometimes we want our programs to execute a few set of instructions over and even again for example print 1 is 1000, print multiplication table of 7 etc.

Loops make it easy for us to tell the computer that a given set of instructions need to be executed repeatedly.

Type of loops

Primarily, there are three types of loops in java.

```
1. While Loop
```

- 2. Do while Loop
- 3. for Loop

We will look into these one by one

While Loop

```
While (Boolean condition)
{
// statement -----> this keeps executing as long as the condition is true.
}
```

If the condition never becomes false, the while loop keeps getting executed. Such a loop is known as an infinite loop.

Quick quiz: Write a program to print natural numbers from 100 to 200.

```
int i=100;
while (i<=200) {
    System.out.println(i);
    i++;</pre>
```

Source Code

Thank You