# **Java Programming For Beginners**

Day 3

**Recap + Catcing on missing things** 

Today we are going to learn loops.

Program: Print "Hello World" 100 times.

# while is used to repeat code.

```
while (conditon) {
    // do something.
}
```

Program: Print from 0 to 100

**New term: Iteration** 

Program: Print from 10 to 0

Program: Print even numbers from 0 to 20

Program: Check integer password until it's correct.

Use break to stop a loop.

### There is also do while

```
do {
    // do something.
} while (condition)
```

#### do while checks the condition after first iteration.

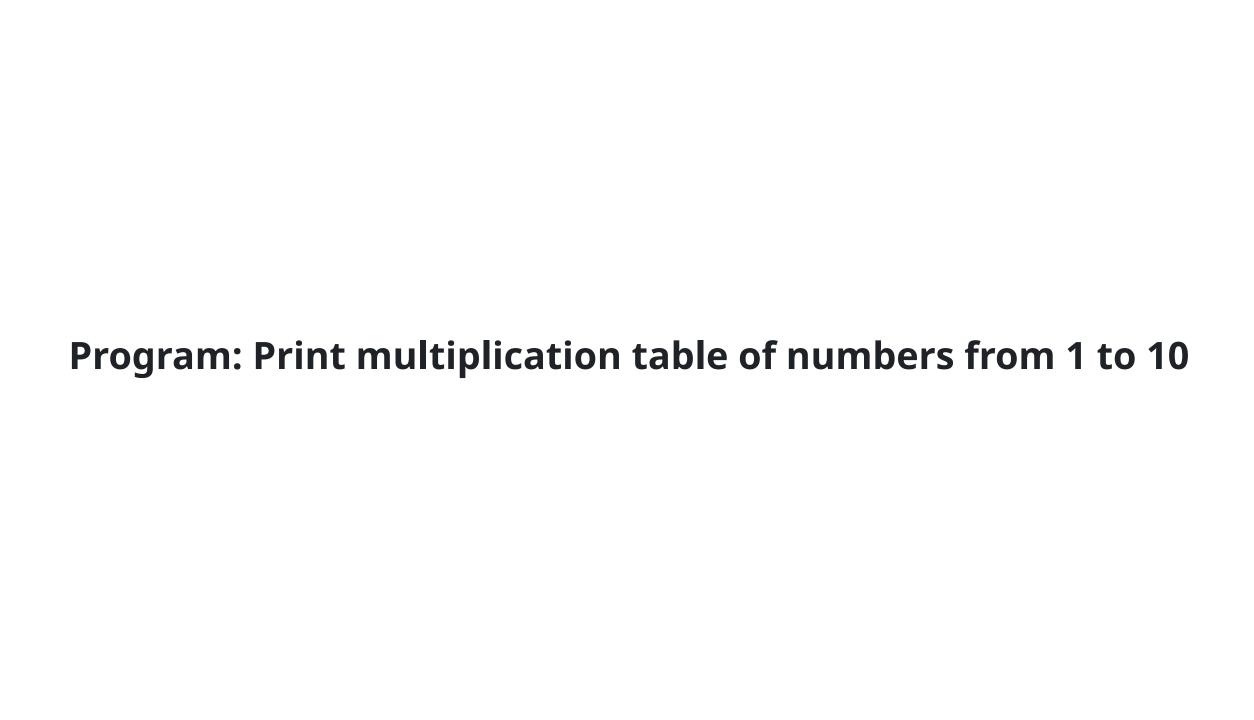
So it will run at least once.

# There is also for loop

```
for (start ; condition ; update) {
   // do someting
}
```

Try redoing all the above programs using for loop

**Program: Print multiplication table of 2** 



You can put a loop inside a loop

Research: continue;

