

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 something  
}
```

Try redoing all the above programs using `for` loop

Program: Print multiplication table of 2

Program: Print multiplication table of numbers from 1 to 10

You can put a loop inside a loop

Research: continue;

Thank You.