

1. What are the different loops Java provides us with?

For

```
n=10
for (int i=1; i<= n; i++) {}
```

While

```
while (i <= n) {

}
```

Do while

```
Do{n=10;i++;}while(i<=n);
```

2. What is the syntax of one of the loops in your above answer? How and when should you use this loop? Give an example.

A better syntax than the one above, good for collections:

```
Int[] numbers = {1,2,3,4};
```

```
For(int name : numbers) {};
```

OR an even shorter way:

```
numbers.forEach((node)->{})
```