

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

Loop makes variable repeats task until variable reaches to a specific number.

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.

```
for (int i = 1; i <= 10; i++) {  
    System.out.println(i); }
```

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

```
int i = 1;  
while (i <= 10) {  
    System.out.println(i);  
    i++;  
    // while loop : never do first attempt when condition is false already
```

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

```
int x = 1;  
do {  
    System.out.println(x);  
    x++;  
} while ( x < 10);  
// do while loop : at least do once but if the value is false, loop stopped
```

5. What is your favorite thing you learned this week?

Loop !