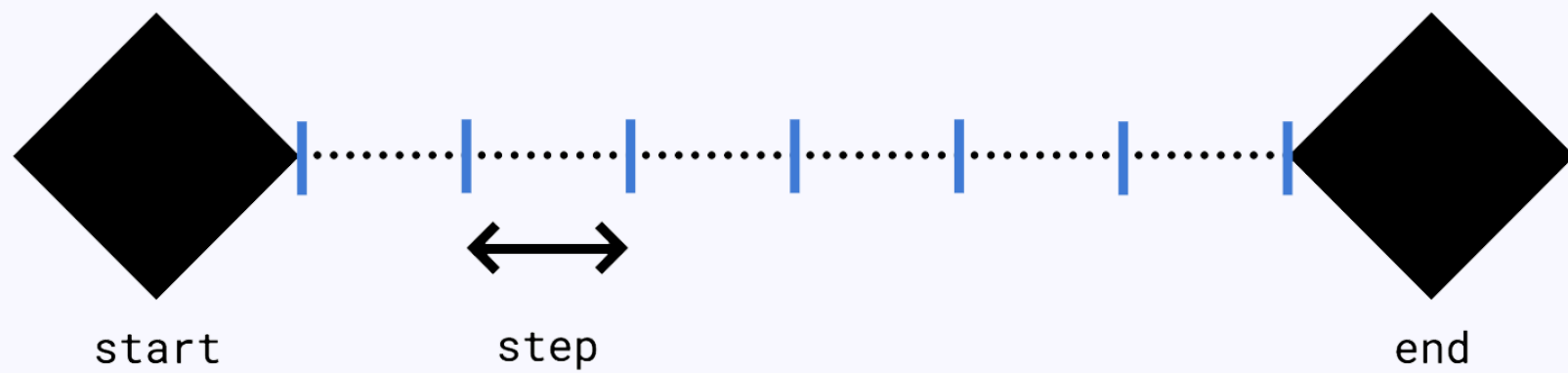


JS Loops

What are Loops?

What are loops?

- A piece of code that can execute over and over again
- Loops are made up of three main parts:
 - A **starting point**
 - An **increment**, or **step**
 - An **ending point**
- You get access to the current value
- You can stop loops (using the break statement)



The while loop

The while loop

```
while ( CONDITION ) {  
    // Statement(s) to repeat  
}
```

The while loop

```
var count = 0;

while ( count < 5 ) {
  console.log( count );
  count = count + 1;
}
```

The for loop

The for loop

```
for ( STARTING_POINT; ENDING_POINT; STEP ) {  
    // Statement(s) to execute  
}
```

Some advice...

I would stick to the for loop in the beginning, because:

- It will make sure you have all the necessary parts (start, end, step)
- You can see all the important things right at the beginning of the statement

In-class Exercise / Homework

Do the exercises found [here](#)