



In this stage, you'll add support for creating a **Redis stream** using the **XADD** command.

## **Redis Streams & Entries**

Streams are one of the data types that Redis supports. A stream is identified by a key, and it contains multiple entries.

Each entry consists of one or more key-value pairs, and is assigned a unique ID.

For example, if you were using a Redis stream to store real-time data from a temperature & humidity monitor, the contents of the stream might look like this:

## entries:

- id: 1526985054069-0 # (ID of the first entry)
  temperature: 36 # (A key value pair in the first entry)
  humidity: 95 # (Another key value pair in the first entry)
- id: 1526985054079-0 # (ID of the second entry)
  temperature: 37 # (A key value pair in the first entry)
  humidity: 94 # (Another key value pair in the first entry)

```
# ... (and so on)
```

We'll take a closer look at the format of entry IDs ( 1526985054069-0 and 1526985054079-0 in the example above) in the upcoming stages.