Get field values in SOQL

How to Obtain Unique Field Values Without Using a For Loop?

The simplest way to retrieve record IDs without a for loop is by using a Map and the keySet() method.

```
Set<Id> accountIds = new Map<Id, Account>(
    [SELECT Id FROM Account]
).keySet();
```

But how can you obtain values for other fields?

beyond
the cloud

You can accomplish this using field aliasing.

As shown on previous slide, a Map will automatically use the Id as a Map key.

```apex
Set<String> accountNames = new Set<String>();

for (Account acc : [SELECT Name FROM Account]) {
    accountNames.add(acc.Name);
}
```

```apex
Set<String> accountNames = new Map<String, SObject>(
    [SELECT Name Id FROM Account Group By Name]
).keySet();
```

The solution above is based on:
- Get a list of one column from a SOQL result
- Building a KeySet from any field