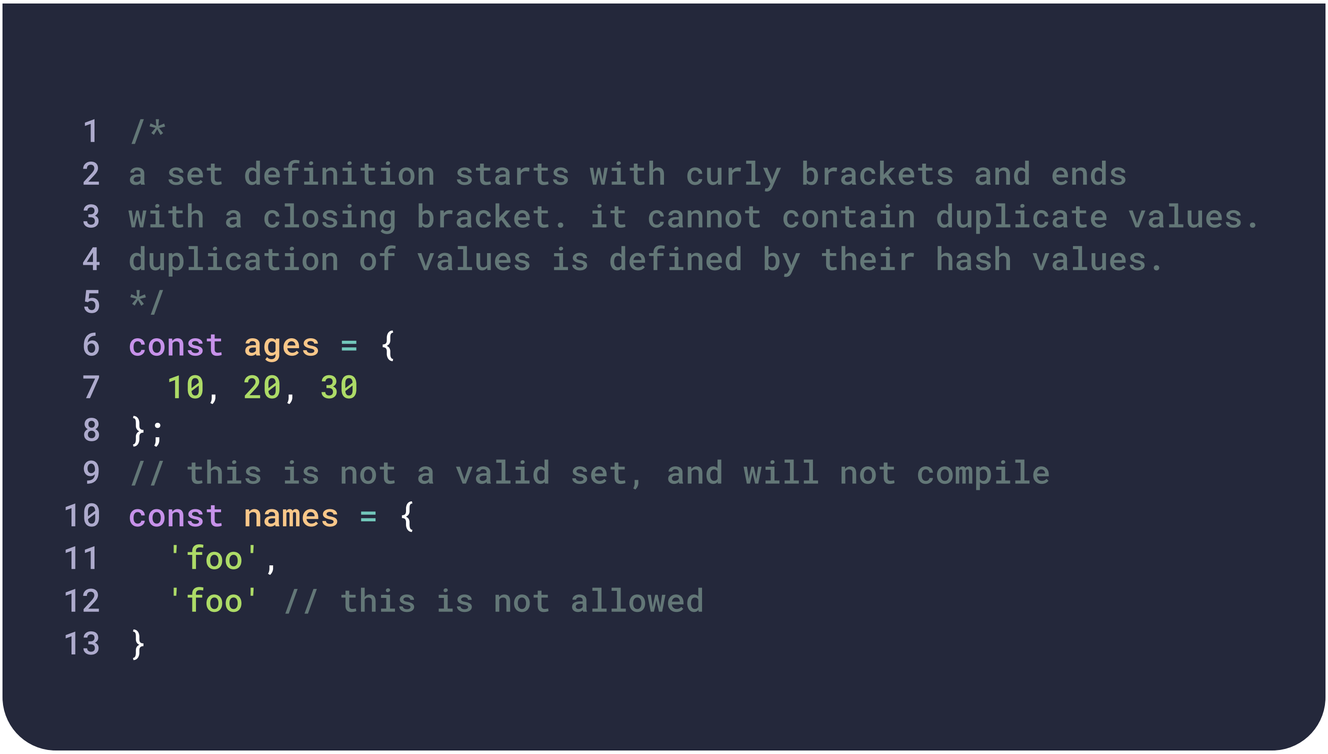
Sets

While a list can contain duplicate items, a set’s job is to filter out duplicate items. Objects have hash values using which a set determines if two objects are alike. These hash values are usually integers that custom objects can override and define manually. Built-in types have hash values that you don’t have to play with in order to have them work together with sets, objects such as strings and integers for instance.

Further reading:

- Sets - dart.dev
- Set class - dart:core library
- Dart Sets - W3Schools
- Dart Programming - Collection Set - Tutorialspoint
- Dart Sets - Javatpoint

Examples



```dart
/*
a set definition starts with curly brackets and ends
with a closing bracket. it cannot contain duplicate values.
duplication of values is defined by their hash values.
*/
const ages = {
  10, 20, 30
};
// this is not a valid set, and will not compile
const names = {
  'foo',
  'foo' // this is not allowed
}
```