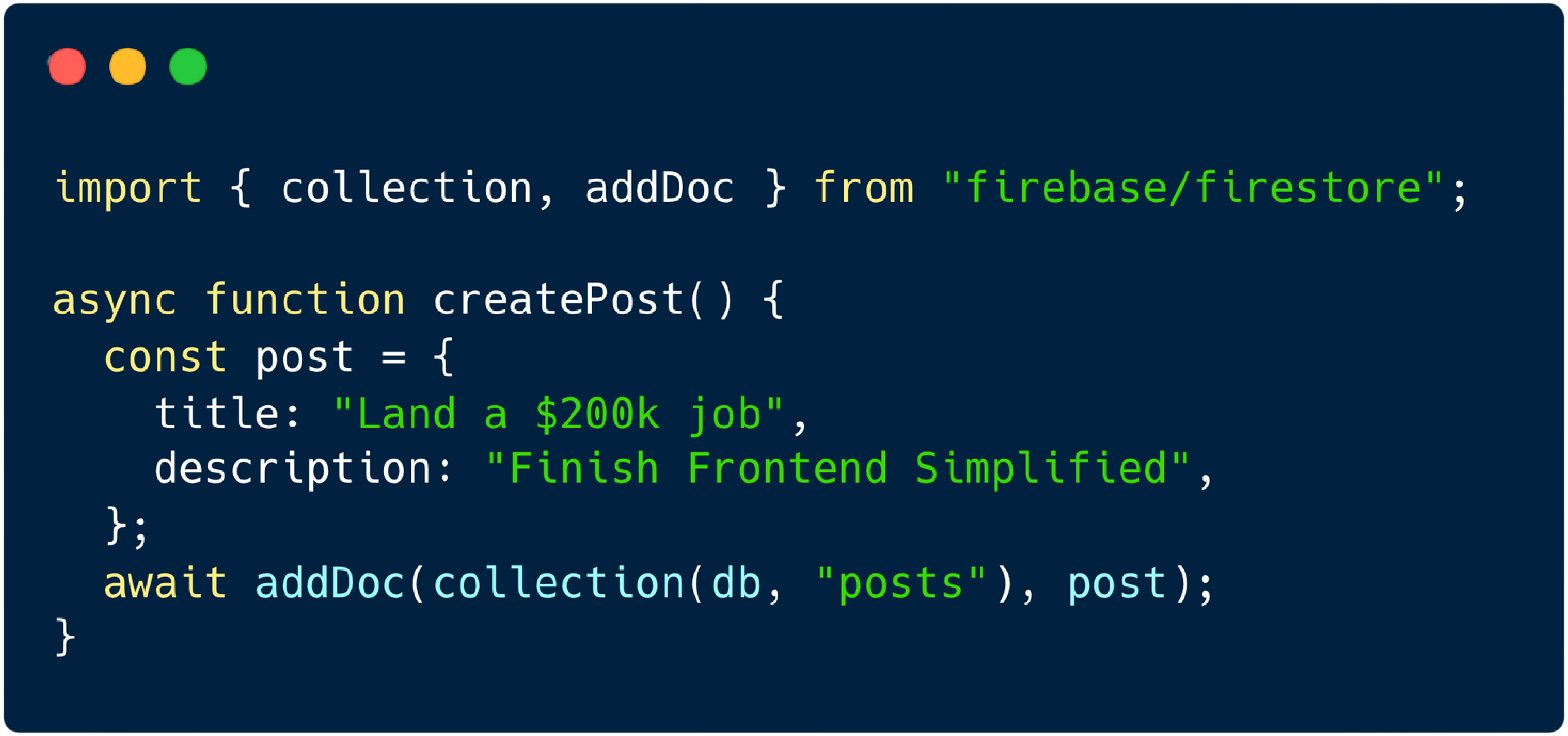
</> **Frontend** Simplified

Cloud Firestore

How to Create

CREATE



```
import { collection, addDoc } from "firebase/firestore";

async function createPost() {
  const post = {
    title: "Land a $200k job",
    description: "Finish Frontend Simplified",
  };
  await addDoc(collection(db, "posts"), post);
}
```

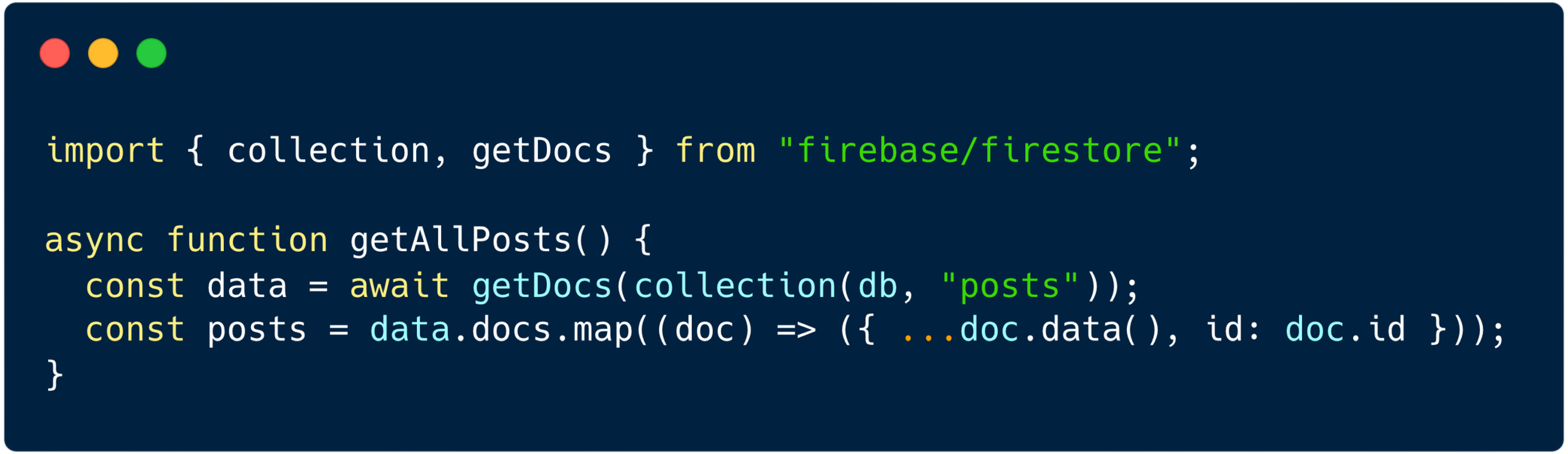
Different Reading Methods

READ

1. Read all Posts
2. Read a single Post by Id
3. Read Posts by Query (e.g. only posts by a specific user)

1 How to Read all

READ

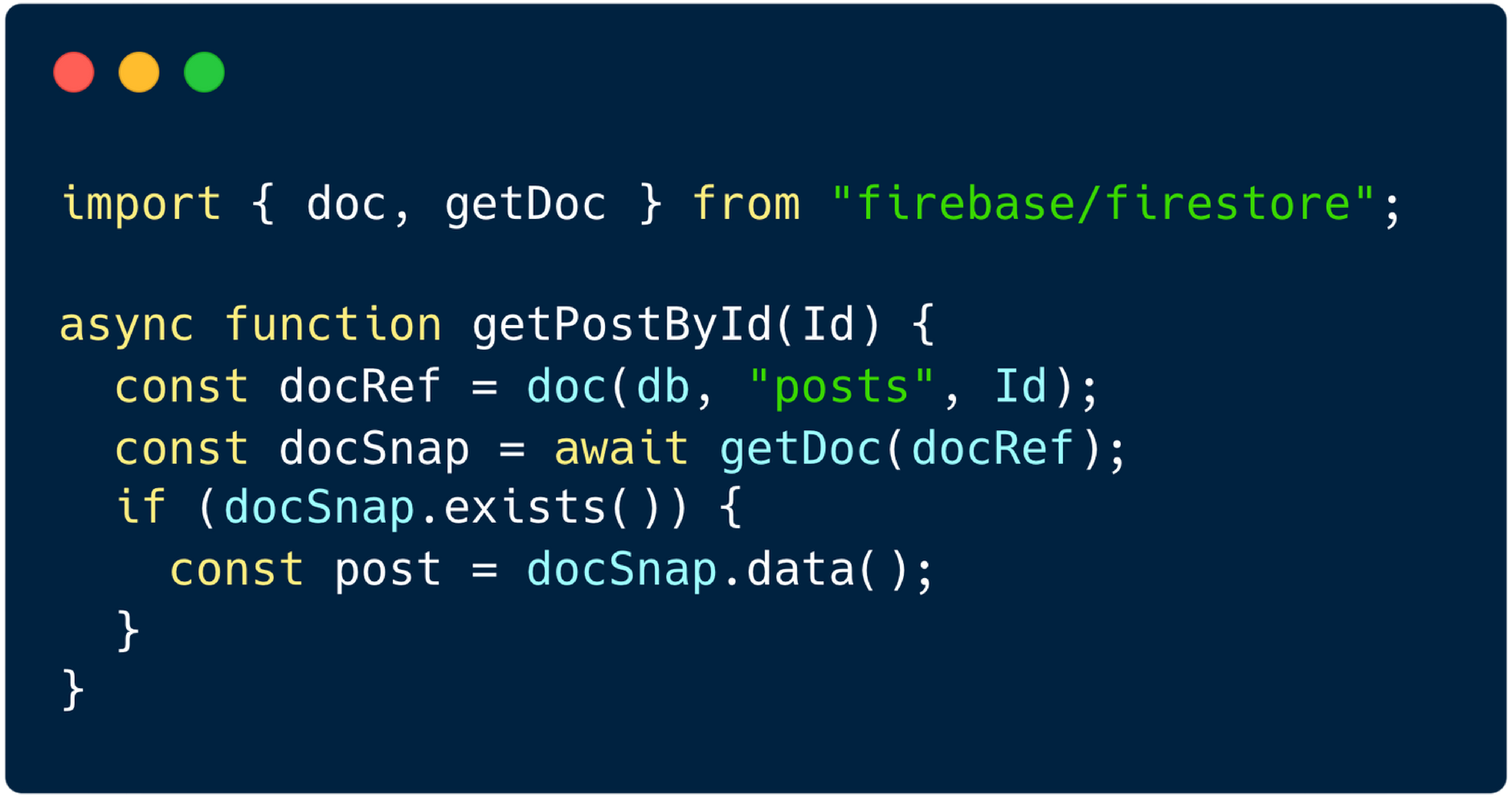


```
import { collection, getDocs } from "firebase/firestore";

async function getAllPosts() {
  const data = await getDocs(collection(db, "posts"));
  const posts = data.docs.map((doc) => ({ ...doc.data(), id: doc.id }));
}
```

2 How to Read by Id

READ

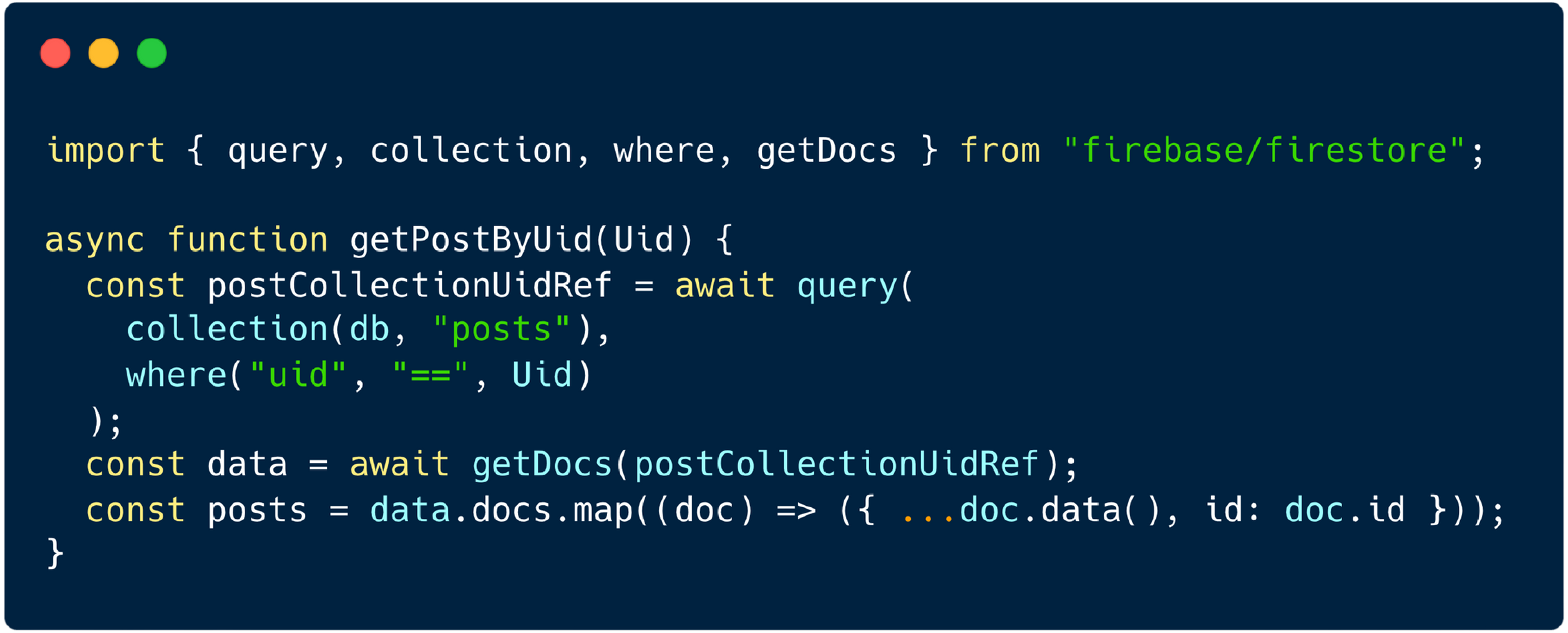


```
import { doc, getDoc } from "firebase/firestore";

async function getPostById(Id) {
  const docRef = doc(db, "posts", Id);
  const docSnap = await getDoc(docRef);
  if (docSnap.exists()) {
    const post = docSnap.data();
  }
}
```

3 How to Read by Query

READ

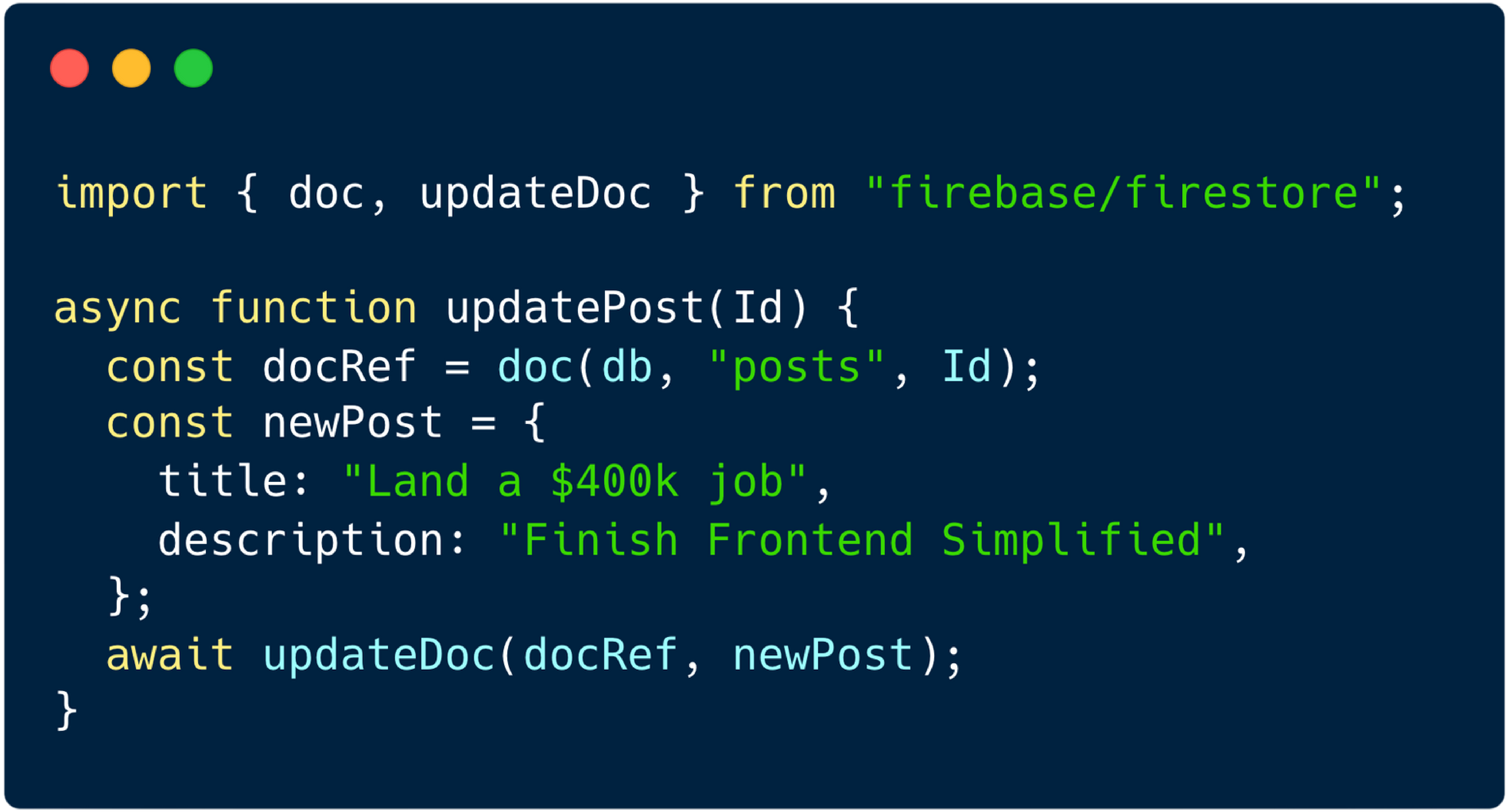


```
import { query, collection, where, getDocs } from "firebase/firestore";

async function getPostByUid(Uid) {
  const postCollectionUidRef = await query(
    collection(db, "posts"),
    where("uid", "==", Uid)
  );
  const data = await getDocs(postCollectionUidRef);
  const posts = data.docs.map((doc) => ({ ...doc.data(), id: doc.id }));
}
```

How to Update

UPDATE

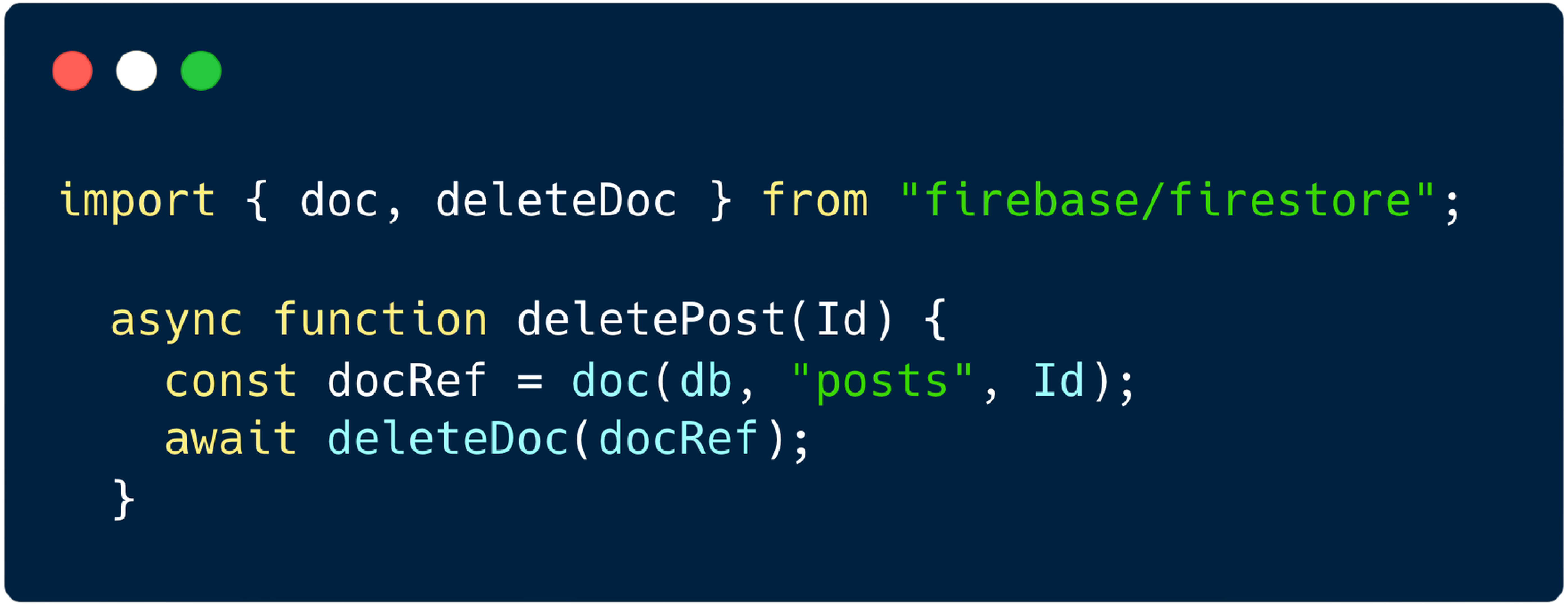


```
import { doc, updateDoc } from "firebase/firestore";

async function updatePost(Id) {
  const docRef = doc(db, "posts", Id);
  const newPost = {
    title: "Land a $400k job",
    description: "Finish Frontend Simplified",
  };
  await updateDoc(docRef, newPost);
}
```

How to Delete

DELETE



```
import { doc, deleteDoc } from "firebase/firestore";

  async function deletePost(Id) {
    const docRef = doc(db, "posts", Id);
    await deleteDoc(docRef);
  }
```