

Steps to create Angular Application which uses Firebase

Step 1 : Create regular project as

```
ng new MarvellousFirebase
```

Step 2 : Go to the project folder as

```
cd MarvellousFirebase
```

Step 3 : Install Firebase library in our project as

```
npm install - - save firebase angularfire2
```

Step 4 : Go to the firebase site and login with our google account

```
https://console.firebase.google.com/
```

Step 5 : Click on Add project button and provide name of our project.

Step 6 : Select country and click create project button.

Step 7 : Then click on "Add Firebase to your web app", and copy the config keys

Ex

```
apiKey: "-----",
authDomain: "fir-c9b1d.firebaseio.com",
databaseURL: "https://fir-c9b1d.firebaseio.com",
projectId: "-----",
storageBucket: "fir-c9b1d.appspot.com",
messagingSenderId: "387353492656"
```

Step 8 : Create new entry into src/environments/environment.ts file as firebase and paste the above contents

```
export const environment =
```

```
{
```

```
  production: false,
```

```
  // Add this to access firebase in our project
```

```
  firebase :
```

```
{
```

```
apiKey: "-----",  
  authDomain: "fir-c9b1d.firebaseio.com",  
  databaseURL: "https://fir-c9b1d.firebaseio.com",  
  projectId: "-----",  
  storageBucket: "fir-c9b1d.appspot.com",  
  messagingSenderId: "387353492656"  
}  
};
```

Step 9 : Add import statement in app.module.ts file as

```
import {AngularFireModule} from 'angularfire2'
```

Step 10 : Add import statement in app.module.ts file as

```
import {environment} from '../environments/environment'
```

Step 11 : Inside imports array add below line as

```
AngularFireModule.initializeApp(environment.firebase)
```

Step 12 : Import another module for FirebaseDatabase as

```
import {AngularFireDatabaseModule} from 'angularfire2/database'  
import { AngularFirestore } from 'angularfire2/firestore';
```

Step 13 : Click on Database button and create database as key value pair.**Step 14 : By using dependency injection we can access contents from firebase.****Step 15 : We can display the contents which are fetched from firebase by writing code on .html file.**