

```
package com.example.covid_19alertapp.roomdatabase;
```

```
import android.content.Context;
```

```
import androidx.room.Database;
```

```
import androidx.room.Room;
```

```
import androidx.room.RoomDatabase;
```

```
import java.util.concurrent.ExecutorService;
```

```
import java.util.concurrent.Executors;
```

```
@Database(entities = {VisitedLocations.class}, version = 1, exportSchema = false)
```

```
public abstract class VisitedLocationsDatabase extends RoomDatabase {
```

```
    public abstract VisitedLocationsDao visitedLocationsDao();
```

```
    private static volatile VisitedLocationsDatabase INSTANCE;
```

```
    // room queries need to be done on separate threads
```

```
    private static final int NUMBER_OF_THREADS = 3;
```

```
    public static final ExecutorService databaseWriteExecutor =
```

```
        Executors.newFixedThreadPool(NUMBER_OF_THREADS);
```

```
    public static VisitedLocationsDatabase getDatabase(final Context context) {
```

```
/*  
thread safe singleton design to get database INSTANCE  
*/  
  
if (INSTANCE == null) {  
    synchronized (VisitedLocations.class) {  
        if (INSTANCE == null) {  
            INSTANCE = Room.databaseBuilder(context.getApplicationContext(),  
                VisitedLocationsDatabase.class, "word_database")  
                .build();  
        }  
    }  
}  
return INSTANCE;  
}  
  
}
```