I have an SQLite database called "superheroes.db". Within this database is a table called HEROES. The HEROES table has two fields: HERONAME and SECRETIDENTITY.

Write the following method in Swift:

func LookUpSI (_ h:String) -> String{ ... }

This method opens up the superheroes database, looks up and returns the secret identity of the hero whose name is h (and you can assume that the hero named h is present in the database), and then closes the database.

```
func LookUpSI (_ h:String) -> String {
 let path=Bundle.main.path(forResource:"superheroes",ofType:"db")
 var db:OpaquePointer? = nil
 var stmt:OpaquePointer? = nil
 sqlite3_open (path,&db)
 sqlite3_prepare_v2 (db,"select SECRETIDENTITY from HEROES WHERE HERONAME =
'\(h)'",-1,&stmt,nil)
 var si:String = ""
 while sqlite3_step (stmt)==SQLITE_ROW {
   si=String(cString:sqlite3_column_text(stmt,0))
}
 sqlite3_reset(stmt)
 sqlite3_finalize(stmt)
 sqlite3_close (db)
 return si
}
```