

Lab 11: Databases

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Lab report

Exercise 1

```
library(DBI)
library(RSQLite)
library(dbplyr)

con <- dbConnect(SQLite(), "nycflights13.sqlite")
```

Exercise 2

```
library(dbplyr)
flights_tbl <- tbl(con, "flights")
```

Exercise 3

```
flights_query <- flights_tbl %>%
  select(year, month, day, hour, dep_delay, origin)
```

Exercise 4

```
## <SQL>
## SELECT 'year', 'month', 'day', 'hour', 'dep_delay', 'origin'
## FROM 'flights'
```

Exercise 5

Exercise 6

Exercise 7

Exercise 8

Exercise 9

Exercise 10

Exercise 11

Exercise 12