

# HDip. In Computer Science (Online)

## Module: ICT Skills 2

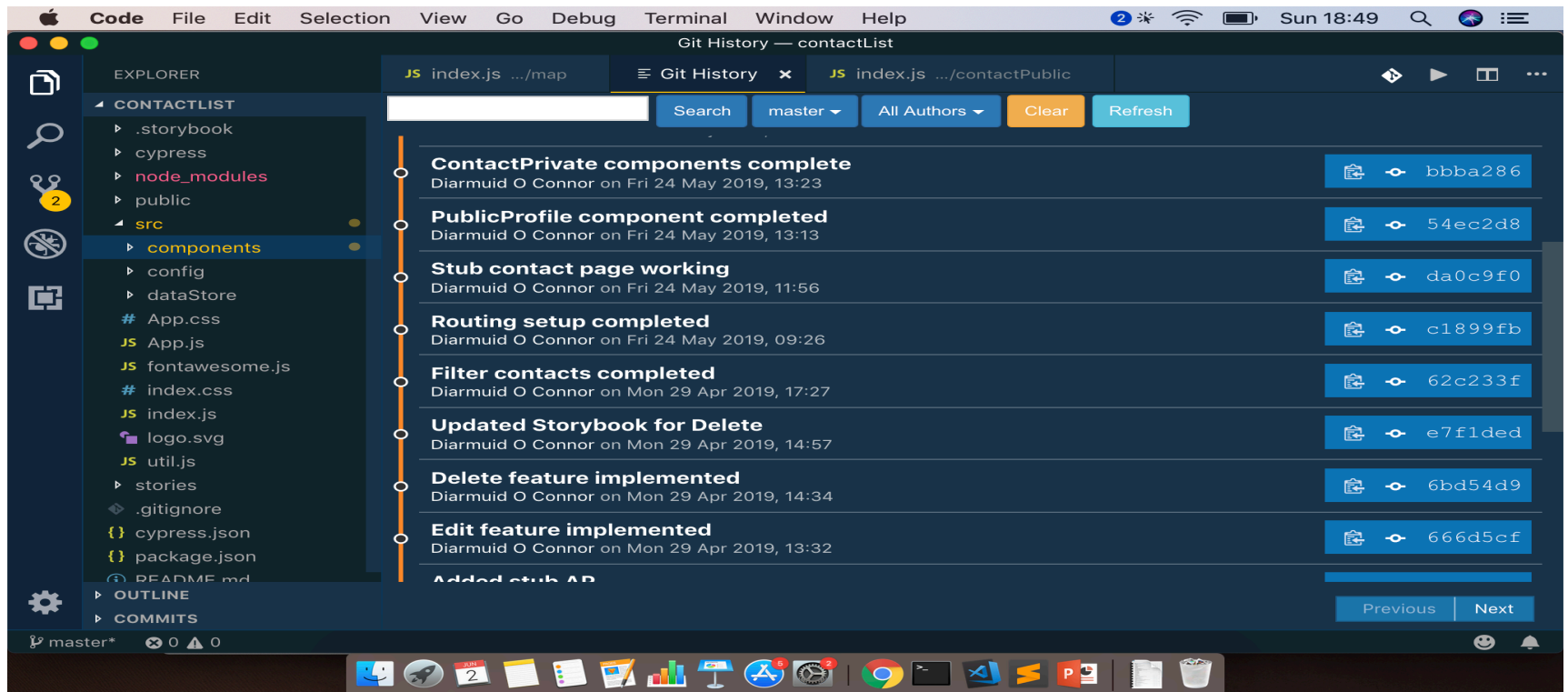
Assessment.

# Assessment

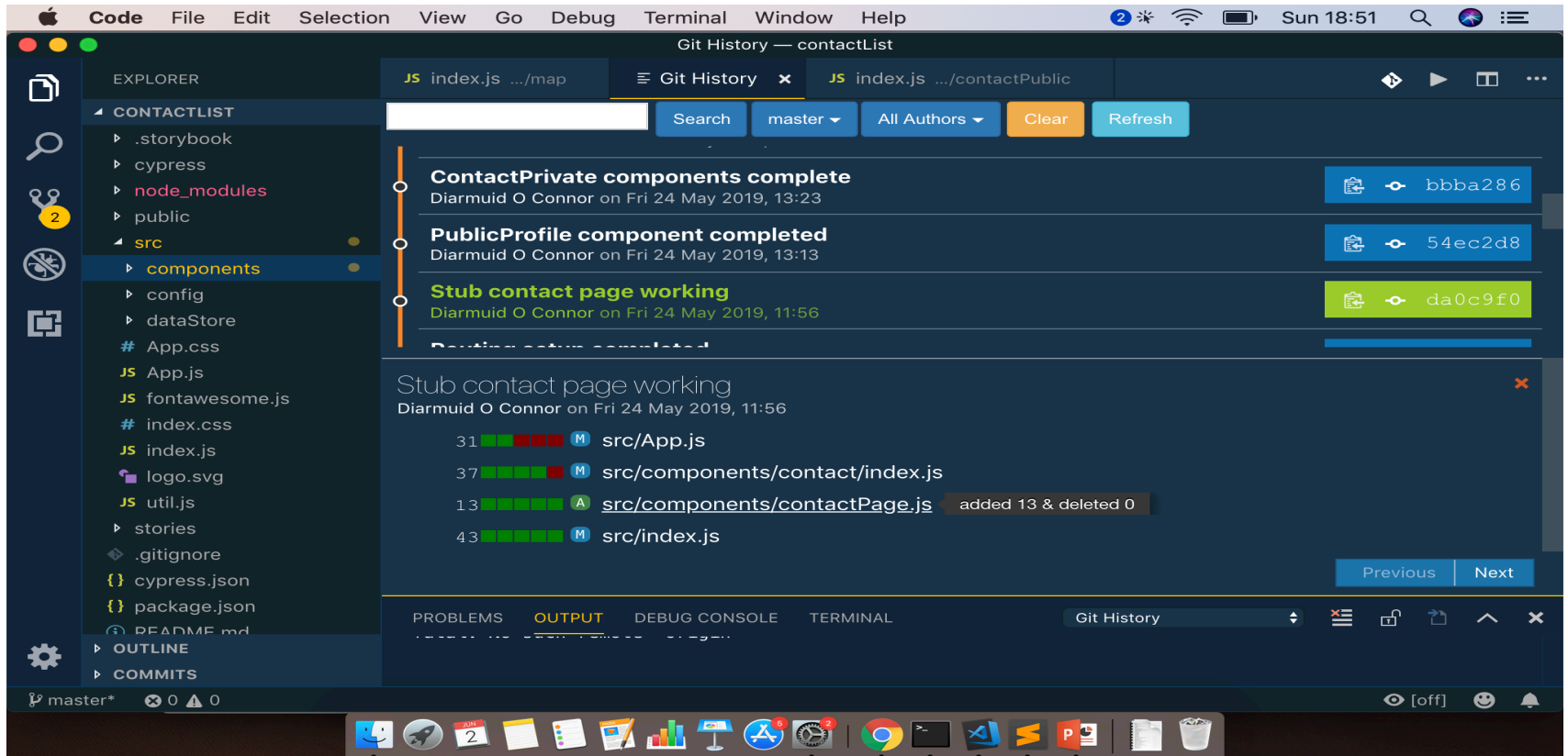
- **100% CA**
  - 1. Lab work – 40%**
    - **Due: July 12<sup>th</sup>**
  - 2. Assignment – 60%**
    - **Due: August 19<sup>th</sup>**
- **Git repository log essential in both cases**

# Lab work.

- The Labs – The Contact List and Hacker News Apps
  - Follow the development steps prescribed.
  - Use Git exactly as specified, e.g. commit messages



# Lab work.



- **Assessment criteria:**
  - **Git Log**
  - **Rollback**

# Assignment

- **Demonstrate your knowledge of designing and developing in React.**
- **Options:**
  1. **Extend the functionality of one of the the lab apps.**
  2. **Develop a React version of (part of) the client for the POI application from EWD module.**
  3. **Develop a React app for a context of your choice (Prototype)**
    - **2 and 3 have higher weighting.**
- **Maintain a Git log throughout**

# Assignment

- **Server-side:**
  - **Stub API (lower weighting), e.g. Hacker News app**
  - **JSON server (supports CRUD)**
  - **API from POI application**
  - **Open API**
- **Features:**
  - **Component library (Storybook)**
  - **Stateful and Stateless Component mix.**
  - **App design (Component hierarchy)**
  - **Interactive and dynamic behavior.**
  - **Routing, including parameterized URLs**
  - **End to End testing**







- Good (40-55%)
  - Basic routing; interactive, dynamic behaviour
  - Some component stories
- Excellent (56-75%)
  - Routing, including Parameterized URL; Authentication; Some E2E testing
- Outstanding (75%+)
  - Independent learning