Task 1 Writeup — Project 4

a. Name and Andrew ID
Name: SHUBHAM SINGH
Andrew ID: shubham4

b. API Name
API: MuffinLabs — Today in History API
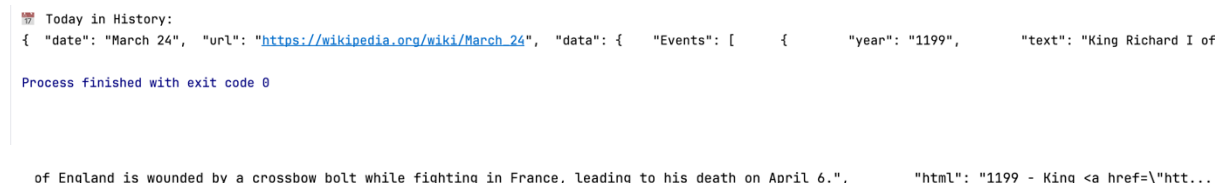
c. API Documentation URL
http://history.muffinlabs.com/

d. Short App Description
My mobile app displays a famous historical event, birth, or death that happened on today's date using the MuffinLabs "Today in History" API. Users can mark facts as favourites, which are stored in MongoDB Atlas and later analyzed on a dashboard.

e. Screenshot — API Output


```
📅 Today in History:
{ "date": "March 24", "url": "https://wikipedia.org/wiki/March_24", "data": { "Events": [ { "year": "1199", "text": "King Richard I of

Process finished with exit code 0

  of England is wounded by a crossbow bolt while fighting in France, leading to his death on April 6.", "html": "1199 - King <a href=\"htt...
```

f. Screenshot — MongoDB Output
Screenshot showing the **saved facts printed from MongoDB** after running HistoryFactSaver.java.

Enter a historical fact to save: *JUILIUS CEASAR WAS BORN ON THIS DAY*

📒 All Saved Historical Facts:
- JUILIUS CEASAR WAS BORN ON THIS DAY

Process finished with exit code 0

⚖ Cluster0

DATABASES: 1   COLLECTIONS: 1

+ **Create Database**

🔍 Search Namespaces

▽ **history_app**

  saved_facts

history_app.saved_facts

STORAGE SIZE: 20KB   LOGICAL DATA SIZE: 68B   TOTAL DOCUMENTS: 1   INDEXES TOTAL SIZE: 20KB

Find   Indexes   Schema Anti-Patterns ⓪   Aggregation   Search Index

Generate queries from natural language in Compass⧉

Filter⧉   Type a query: { field: 'value' }

QUERY RESULTS: **1-1 OF 1**

        _id: ObjectId('67e0a3d241954f023fa6dd1d')
        fact : "JUILIUS CEASAR WAS BORN ON THIS DAY"