Indices B+ Tree 1 ${\bf Srinivas an}$ 2 ${\bf Srinivas an}$ 3 ${\bf Srinivas an}$ WuMozart4 MozartSrinivasan Mozart Einstein 5 MozartEinstein Mozart El Said Srinivasan 6 El Said MozartEl Said Gold ${\bf Srinivas an}$ MozartEinstein 7 MozartEl Said Wu Gold Srinivasan Mozart Einstein El Said Katz 8 Mozart El Said Katz Wu Einstein Gold El Said Katz $\operatorname{Califieri}$ Srinivasan Mozart El Said Califieri Gold 10 Mozart El Said Singh 11 Katz Mozart El Said Singh $\operatorname{Califieri}$ Singh Crick Brandt 12 Katz Mozart El Said Singh Brandt Dynamic Hash 1 Srinivasan 2 Srinivasan 3 Wu Mozart ${\bf Srinivas an}$ 4 Einstein Srinivasan Wu Mozart 5 Einstein 01 Srinivasan 01 10 11 Mozart El Said 6 00 ${\bf Einstein}$ Gold 0 01 Srinivasan 01 10 11 ➤ Mozart El Said 117 00 ${\bf Einstein}$ Gold 01 ${\bf Srinivas an}$ WuKatz0110 11 Mozart El Said 11 8 00 ${\bf Einstein}$ Gold 01 Srinivasan Wu Katz01 10 11 Mozart El Said Califieri 11 9 0000 ${\bf Einstein}$ Gold 0001 Srinivasan Wu Katz01 0010 0011 0100 01010110 ➤ El Said 0111 Califieri 01111000 1001 1010 1011 1100 1101 1110 Mozart 1111Singh 1111 10 0000 Einstein Gold Crick 00001 Srinivasan WuKatz 01 0010 0011 0100 0101 0110 0111 ➤ El Said 0111 Califieri 1000 1001 1010 1011 1100 1101 1110 1111 ➤ Mozart Singh 1111 11 0000 Einstein Gold Crick 0001 0010 0011 0100 0101 0101 ${\bf Srinivas an}$ 0110 0111 ➤ El Said Califieri 0111 1000 1001 **→** Wu 1001 1010 1011 1100 1101 1101 Katz ${\bf Brandt}$ 1110 1111 MozartSingh 1111 12 0000 Einstein Gold Crick 0 0001 0010 0011 0100 0101 Srinivasan 0101 0110 0111 ➤ El Said Califieri 0111 1000 1001 **→** Wu Kim 1001 1010 1011 1100 1101 ➤ Katz Brandt 1101 1110 1111 ➤ Mozart | Singh 1111 Project Part II

URLs for the created tables:

CSCI311/parser.ipynb

https://everwild.dev/CSCI311/objects.html https://everwild.dev/CSCI311/dates.html

https://everwild.dev/CSCI311/htmlify.py

https://everwild.dev/CSCI311/dimensions.html https://everwild.dev/CSCI311/materials.html

https://everwild.dev/CSCI311/object_has_material.html

And for the scripts I used to help put everything together (downloads): https://everwild.dev/

Homework 5

I have adhered to the Honor Code on this assignment.

Ethan Meltzer