

CS 311 Data Structures and Algorithms

Assignment 6

Due on Sunday, May 15, 11:59PM.

Hashing

Write a C++ program to implement a Hash Table that saves student information, including name, student ID (10 digits), age, and current GPA. Your program must meet the following requirements.

1. Support insertion and query of a student record, using student ID as the key.
2. Use the DJBX33A method as your hash function.
3. Use the Separate Chaining method for collision resolution.

Submit your code to Cougar Course.