

CSC 241

Lab 8

Implement the following tests regarding performance using the **HMap** class and **HMapDriver** provided:



HMapDriver.java



HMap.java

- 1) Insert 10 random employees into a **HMap** of size 10.
- 2) Print the **HMap** after each insertion.
- 3) Compute the time required to put each employee.
- 4) Compute the load ratio after each insertion.
- 5) Compute the total time required to insert all 10 items into the **HMap** given the following load factors: **0.50, 0.75, 0.90**.
- 6) Implement and test the **remove** method for the **HMap** class.
- 7) Compute the total time required to remove all 10 items from the **HMap** created in step 5).
- 8) Write a report of your findings in the comment area at the top of your **HMapDriver** program.