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11/10/2024

Project Status Report

Project Idea:

- Implementing gselect as an available 2 level predictor in SimpleScalar Simulator

Plan:

- Create a automation script to run SimpleScalar with branch predictor configurations
- Provide the user to select gselect on the Front End of SimpleScalar (sim-outorder.c and sim-bpred.c)
- Create a automation script to parse the output files from runs with branch predictions configurations for IPC or relevant data
    - Create plots from this data to reflect the performance
- Setup the gselect as part of the structures and functions (bpred.h and bpred.c)
- Implement the gselect concatenation in bpred_dir_lookup() (bpred.c)

Goal:

When we have these requirements done we can look at our stretch goal. Implementing a combined branch predictor of gselect along with one of the available predictions.

Progress:

- Divided up the plan as mentioned above. Each team member is beginning their tasks.
- Using GitHub and git for version control and splitting of tasks.