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Subject :- CA

FLOAT LAB 1

Running driver.pl to check points for code

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trillioniare@LAPTOP-VUSF240R:/mnt/c/IIITS ASSIGNMENTS/Sem 2/Computer Arch/Float Lab1/floatlab-handout$ ./driver.pl
1. Running './dlc -z' to identify coding rules violations.

2. Compiling and running './btest -g' to determine correctness score.
gcc -O -Wall -m32 -lm -o btest bits.c btest.c decl.c tests.c
btest.c: In function ‘test_function’:
btest.c:334:23: warning: ‘arg_test_range’ may be used uninitialized [-Wmaybe-uninitialized]
  334 |     if (arg_test_range[2] < 1)
      |         ~~~~~~~~~~~~~~^~~
btest.c:299:9: note: ‘arg_test_range’ declared here
  299 |     int arg_test_range[3]; /* test range for each argument */
      |         ^~~~~~~~~~~~~~

3. Running './dlc -Z' to identify operator count violations.

4. Compiling and running './btest -g -r 2' to determine performance score.
gcc -O -Wall -m32 -lm -o btest bits.c btest.c decl.c tests.c
btest.c: In function ‘test_function’:
btest.c:334:23: warning: ‘arg_test_range’ may be used uninitialized [-Wmaybe-uninitialized]
  334 |     if (arg_test_range[2] < 1)
      |         ~~~~~~~~~~~~~~^~~
btest.c:299:9: note: ‘arg_test_range’ declared here
  299 |     int arg_test_range[3]; /* test range for each argument */
      |         ^~~~~~~~~~~~~~


5. Running './dlc -e' to get operator count of each function.

Correctness Results     Perf Results
Points  Rating  Errors  Points  Ops     Puzzle
2       2       0       2       2       floatAbsVal
4       4       0       2       14      floatFloat2Int
2       2       0       2       19      floatIsEqual

Score = 14/14 [8/8 Corr + 6/6 Perf] (35 total operators)
```