1 In the file B-3.c, what values can variable `a' take? Will the `if'

condition [a < 4] ever be true? Inspect the file B-3.c.\*.vrp1 to

analyze the dump.

Ans. Variable `a' can take the values 4 to 99. Since, the `if' condition

will never be true for the give loop bounds, [b = b + 2] is never

executed. Therefore, the optimized code has eliminated this program

statement.