CS 1014: NUMERICAL COMPUTATIONAL TECHNIQUES
Old Quiz

For questions 1 to 5, assume the following declarations and mark A on the opscan sheet if the logical expression in the question is .TRUE., otherwise mark B.

INTEGER :: i = 3, j = 4, k = - 5

1. j <= 3 * i

Ans. True

2. -k > j * i - 7

Ans. False

3. k * k == i * j + 13

Ans. True

4. k + j + i /= 0

Ans. True

5. ABS (k*2) >= 2*j + 1

Ans. True

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For questions 6 through 10, consider the declaration

INTEGER :: j = 5, k = 9, p = 1

LOGICAL :: ok =.TRUE.

For each logical expression in questions 6 to 10, mark A on the opscan sheet if the result is .TRUE., otherwise mark B.

6. j + 2 > k .AND. ok

Ans. False

7. j <= k .OR. k + 2 >= 10 .AND. ok

Ans. True

8. j == 5 .AND. k > 6

Ans. True

9. .NOT. ok .AND. .NOT. (j <= 5)

Ans. False

10. ok .OR. p == 1 .AND. k + j - 2 >= 6

Ans. True

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