

CSCI-101 Programming 1

Practice Problems - Set 2

1. Write a fragment of code that reads an integer from the keyboard and prints "Value is greater than or equal to 1" if the value is greater than or equal to 1; otherwise it prints "Value is less than 1".
2. Write a fragment of code that reads two integers from the keyboard and prints "Both are greater than or equal to 1" if both values are greater than or equal to 1; otherwise it prints "At least one value is less than 1".
3. Write a fragment of code that reads two integers from the keyboard and prints "At least one is greater than or equal to 1" if at least one of the values is greater than or equal to 1; otherwise prints "Neither is greater than or equal to 1".
4. Write a fragment of code that reads an integer from the keyboard and prints "Value is between 1 and 100" if the value is between 1 and 100 (inclusively); otherwise prints "Value is not between 1 and 100".
5. Write a fragment of code that reads two integers from the keyboard and prints "Both are between 1 and 100" if both values are between 1 and 100 (inclusively); otherwise prints "At least one value is not between 1 and 100".
6. Write a fragment of code that reads two integers from the keyboard and prints "At least one is between 1 and 100" if at least one of the values is between 1 and 100; otherwise it prints "Neither is between 1 and 100".
7. Write a fragment of code that reads an integer from the keyboard and prints "Value is a multiple of 7" if the value is a multiple of 7; otherwise prints "Value is not a multiple of 7".
8. Write a fragment of code that reads two integer from the keyboard and prints "Both are multiples of 7" if both values are multiples of 7; otherwise prints "At least one value is not a multiples of 7".
9. Write a fragment of code that reads two integer from the keyboard and prints "At least one is a multiple of 7" if at least one of the values is a multiple of 7; otherwise prints "Neither value is a multiple of 7"
10. Write a fragment of code that reads an integer from the keyboard and prints "Value is a multiple of 2 and 3" if the value is a multiple of 2 and a multiple of 3; otherwise prints "Value is not a multiple of 2 or not a multiple of 3".
11. Write a fragment of code that reads two integer from the keyboard and prints "Both are multiples of 2 and 3" if both values are multiples of 2 and 3; otherwise prints "At least one value is not a multiples of both 2 and 3".
12. Write a fragment of code that reads two integer from the keyboard and prints "At least one is a multiple of 2 and 3" if at least one of the values is a multiple of both 2 and 3; otherwise prints "Neither value is a multiple of both 2 and 3".