

Ans1 numbers = [1, 2, 3, 4, 5]

sum = 0

for num in numbers:

 sum += num

print('The total sum is:', sum)

This code snippet calculates the sum of all elements in the list `numbers` and displays the result."

Ans2 In Java, == checks if two object references point to the same memory location, whereas .equals() compares the actual contents of objects. It's crucial to note that .equals() can be overridden for custom comparison logic

Ans3 The mean in statistics is the average value of a set of numbers. It's calculated by adding up all the numbers and dividing by the count of numbers. For example, for the set {3, 5, 7, 9, 11}, the mean is:

Mean = (3 + 5 + 7 + 9 + 11) / 5 = 35 / 5 = 7