**hashCode() Vs equals()**

hashCode() and equals() are two important methods in Java that are used for object comparisons.

hashCode() generates a unique integer value for an object, which is primarily used in hash-based collections like HashMap and HashSet for efficient storage and retrieval.

equals() compares the contents of two objects to determine if they are logically equal. This method is crucial for checking equality between objects, especially when dealing with custom classes.