1. **5 > 4**: This expression evaluates to true because 5 is indeed greater than 4.
2. **"apple" > "pineapple"**: This expression evaluates to false because in string comparison, "apple" comes before "pineapple" alphabetically.
3. **"2" > "12"**: This expression evaluates to true because in string comparison, "2" is greater than "12" as it starts with a higher digit.
4. **undefined == null**: This expression evaluates to true because both **undefined** and **null** are considered equal in JavaScript when using the loose equality operator (**==**).
5. **undefined === null**: This expression evaluates to false because the strict equality operator (**===**) checks both value and type, and **undefined** and **null** are of different types.
6. **null == "\n0\n"**: This expression evaluates to false because **null** is not equal to the string **"\n0\n"** in value.
7. **null === +"\n0\n"**: This expression evaluates to false because **null** and **"\n0\n"** are of different types, and the strict equality operator checks both value and type.

Question 3

Yes, the alert will be shown. In JavaScript, when a non-empty string is used in a conditional statement (like an `if` statement), it is considered truthy. Since the string "0" is not an empty string, the condition `if ("0")` evaluates to true, and the code block `{ alert('Hello'); }` inside the `if` statement will be executed, resulting in the alert with the message "Hello" being shown.