1.Based on the story of Julius Caesar's secret party and the Caesar Cipher, some potential variables you would need:

partyLocation, partyTimeStart, partyTimeEnd.

2.

This is a string:

partyLocation = ‘garden’;

These are booleans:

partyTimeStart = ‘7pm’;

partyTimeEnd = ‘11pm’;

3.

Let partyLocation = ‘garden’;

partyLocation.replace(/g/g, ‘j’);

partyLocation.replace(/a/g, ‘d’);

partyLocation.replace(/r/g, ‘u’);

partyLocation.replace(/d/g, ‘g’);

partyLocation.replace(/e/g, ‘h’);

partyLocation.replace(/n/g, ‘q’);

const partyTimeStart = ‘7pm’;

const partyTimeEnd = ‘11pm’;

4. shiftValue

console.log(Number.isInteger(-16));

console.log(Number.isInteger(0));

console.log(Number.isInteger(16));