1. Reading the following statements, please indicate which information will be printed on the screen.

```html
<html>
<script type="text/javascript">
    var numLlamadas = 0;
    function calculaBinomio(a, b)
    {
        var cuadradoDeA = a*a;
        var cuadradoDeB = b*b;
        numLlamadas++;
        return cuadradoDeA + cuadradoDeB + 2*a*b;
    }
    alert(calculaBinomio(2, 3));
    alert(calculaBinomio(4, 5));
    alert(numLlamadas);
    alert(typeof(cuadradoDeA));
</script>
</html>
```

For all information to be printed on the screen, the alert() function will be used.

This function generates a popup window with the information it receives as a parameter.

Below I will indicate what information will be displayed on the screen, in order, and with a short explanation.

1. "25"

The first alert will have as information "25" since it is passed as parameter `calculaBinomio(2, 3)`, which is a function that will return 4 + 9 + 2x2x3 = 25 (2x2 + 3x3 + 2x2x3).
`alert(calculaBinomio(2, 3));`

2. "81"

The second alert will have as information "81" since it is passed as parameter `calculaBinomio(4, 5)`, which is a function that will return 16 + 25 + 2$45$ = 81 (4x4 + 5x5 + 2x4x5).
`alert(calculaBinomio(4, 5));`

3. "2"

The third alert will have as information "2" since it is passed as parameter `numLlamadas`, which is a variable that is initialized in 0, and will be used to count the number of times that the function `calculatesBinomial()` is called. For each call to the function, the variable numLlamadas is incremented by 1.
`alert(numLlamadas);`

* Explain in detail the 4th output: `alert(typeof(cuadradoDeA));`

4. "undefined"

The fourth alert will have as information "undefined".
This is because it is passed as a `typeof(cuadradoDeA)` parameter, and `typeof()` is used to get the data type corresponding to the element it receives as a parameter.
In this case, we are passing as parameter the variable `cuadradoDeA`, which is a variable that is defined inside the function `calculaBinomio()`, and has scope only inside this function. Outside of it, the variable will be considered as undefined, so it is the result that is obtained.