

JAVASCRIPT

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

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

The code defines a binomial calculation function and has three alert function calls to print per screen.

On the first alert, it will return 13, which is the result of computing the binomial of (2,3).

In the second alert it will return 41, which is the result of calculating the binomial of (4,5).

On the third alert it will return 2 as it is printing the numberOfCalls counter which is incrementing every time the binomial calculation function is called.

* In the fourth alert an error will be generated, what happens here is that squareOfA is defined inside the function computeBinomial (i.e., it is defined locally) and here it is called outside the function, not will find the variable (it won't find it globally defined).