**CODE CHALLENGE: PREDICT ARRAYS AND CONDITIONALS**

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| **Code Snippet 1** | | | |
| **Variables** | **Value** | **Console** | **Return** |
|  |  | hello |  |
|  |  | Dojo |  |

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| **Code Snippet 2** | | | |
| **Variables** | **Value** | **Console** | **Return** |
| result | hello() | hello | 15 |
|  |  | result is 15 |  |

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| **Code Snippet 3** | | | |
| **Variables** | **Value** | **Console** | **Return** |
| result | numPlus(3) | num is 3 | 18 |
|  |  | result is 18 |  |

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| **Code Snippet 4** | | | |
| **Variables** | **Value** | **Console** | **Return** |
| num | 15 | 15 |  |
| result | logAndReturn(10) | 10 | 10 |
|  |  | 10 |  |
|  |  | 15 |  |

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| **Code Snippet 5** | | | |
| **Variables** | **Value** | **Console** | **Return** |
| Num | 15 | 15 |  |
| result | timesTwo(10) | 10 | 20 |
|  |  | 20 |  |
|  |  | 15 |  |

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| **Code Snippet 6** | | | |
| **Variables** | **Value** | **Console** | **Return** |
| result | timesTwoAgain(3) + timesTwoAgain(5) | num is 3 |  |
| y | 6 |  | 6 |
|  |  | num is 5 |  |
| y | 10 |  | 10 |
| result | 16 | result is 16 |  |

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| **Code Snippet 7** | | | |
| **Variables** | **Value** | **Console** | **Return** |
| num1 | 2 |  |  |
| num2 | 3 |  | 5 |
|  |  | 5 |  |
| num1 | 3 |  |  |
| num2 | 5 |  | 8 |
|  |  | 8 |  |

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| **Code Snippet 8** | | | |
| **Variables** | **Value** | **Console** | **Return** |
| num1 | 2 |  |  |
| num2 | 3 | 2 | 5 |
|  |  | 5 |  |
| num1 | 3 |  |  |
| num2 | 5 | 3 | 8 |
|  |  | 8 |  |

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| **Code Snippet 9** | | | |
| **Variables** | **Value** | **Console** | **Return** |
| result | sumNums(2,3) + sumNums(3,5) |  |  |
| num1 | 2 |  |  |
| num2 | 3 |  |  |
| sum | 5 | sum is 5 | 5 |
| result | 5 + sumNums(3,5) |  |  |
| num1 | 3 |  |  |
| num2 | 5 |  |  |
| sum | 8 | sum is 8 | 8 |
| result | 5 + 8 |  |  |
| result | 13 | result is 13 |  |

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| **Code Snippet 9** | | | |
| **Variables** | **Value** | **Console** | **Return** |
| result | sumNums(2,3) + sumNums(3,sumNums(2,1)) + sumNums(sumNums(2,1),sumNums(2,3)); |  |  |
| num1 | 2 |  |  |
| num2 | 3 |  |  |
| sum | 5 | sum is 5 | 5 |
| num1 | 2 |  |  |
| num2 | 1 |  |  |
| sum | 3 | sum is 3 | 3 |
| num1 | 3 |  |  |
| num2 | 3 |  |  |
| sum | 6 | sum is 6 | 6 |
| num1 | 2 |  |  |
| num2 | 1 |  |  |
| sum | 3 | sum is 3 | 3 |
| num1 | 2 |  |  |
| num2 | 3 |  |  |
| sum | 5 | sum is 5 | 5 |
| num 1 | 3 |  |  |
| num 2 | 5 |  |  |
| sum | 8 | sum is 8 |  |
| result | 19 | result is 19 |  |