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|  | Before setArray |  | During setArray |  | During compare |  | During sub |
|  | Used memory spaces |  | Used memory spaces |  | Used memory spaces |  | Used memory spaces |
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|  |  |  | $ra |  |  |  |  |
|  |  |  | $s0 |  | $ra |  | $ra |
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| $sp → |  | $sp → |  | $sp → |  | $sp → |  |