|  |  |  |  |
| --- | --- | --- | --- |
| Address | Type | Name | Value |
| 0x000A | String[] | argv | Received from caller |
| 0x000B | IntPoint2D | a | 0x000H |
| 0x000C | IntPoint2D | b | 0x000K |
| 0x000D | IntPoint2D | c | 0x000N |
| 0x000E | IntPoint2D | d | 0x000Q |
| 0x000F |  |  |  |
| 0x000G |  |  |  |
| 0x000H | int | x | 0 |
| 0x000I | int | y | 0 |
| 0x000J |  |  |  |
| 0x000K | int | x | 10 |
| 0x000L | int | y | 0 |
| 0x000M |  |  |  |
| 0x000N | int | x | 1 |
| 0x000O | int | y | 1 |
| 0x000P |  |  |  |
| 0x000Q | int | x | 1 |
| 0x000R | int | y | 1 |
| 0x000S |  |  |  |
| 0x000T |  |  |  |
| 0x000U |  |  |  |
| 0x000V |  |  |  |
| 0x000W |  |  |  |
| 0x000X |  |  |  |
| 0x000Y |  |  |  |
| 0x000Z |  |  |  |

This diagram shows what will be in the Main part of the RAM just before the main method in Test.java completes. All pieces of the processes following the variable declarations/assignments (all the functions that is) will be stored in the register, temporary memory slots and so are not noted here.