## **Object Storage: Stack and Heap**

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Checkpoint 1	Checkpoint 2	Checkpoint 3
Stack	Stack	Stack
st = loc 1	st = loc 1	st = loc 1
Heap	Heap	Heap
loc1 StackSize = 10 top = -1 item = loc2	loc1 StackSize = 10 top = 4 item = loc2	StackSize = 10 top = 2 item = loc2
loc2 [loc3][loc4] [loc5l][loc6][loc7] [loc8][loc9] [loc10][loc11] [loc12]	loc2  [loc3][loc4] [loc5l][loc6][loc7] [loc8][loc9] [loc10][loc11] [loc12]	loc2 [loc3][loc4] [loc5l][loc6][loc7] [loc8][loc9] [loc10][loc11] [loc12]
loc3	loc3 "Bob"	loc3 "Bob"
loc4	loc4 "Sam"	loc4 "Sam"
loc5	loc5 "Guy"	loc5 "Guy"

loc6	loc6 "Li"	loc6
loc7	loc7 "Amy"	loc7
loc8	loc8	loc8
loc9	loc9	loc9
loc10	loc10	loc10
loc11	loc11	loc11
loc12	loc12	loc12