**Expected Output:**

4

7

11

17

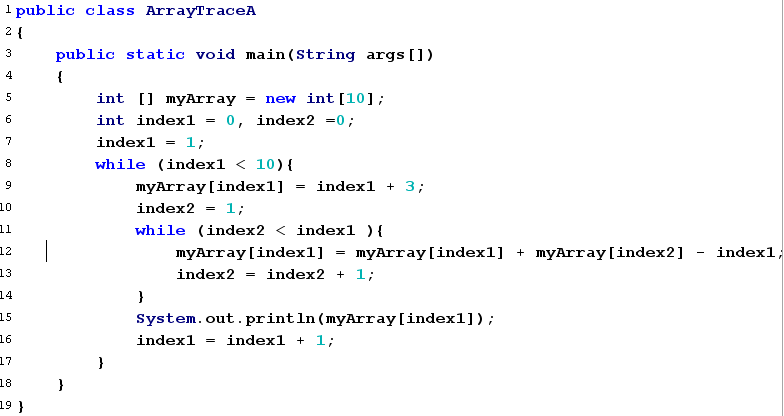
27

45

79

145

275



**Trace Table:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **myArray** | | | | | | | | | | **index1** | **index2** | **Output** |
| **0** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** |
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**Explanation:**

Line 5: int [] myArray = new int[10];

**index/position/location 0 1 2 3 4 5 6 7 8 9**

=================================================================

array contents/values 0 0 0 0 0 0 0 0 0 0

Line 6: int index1 = 0, index2 =0;

Line 7: index1 = 1;

index1 was 0, now becomes 1

Line 8: while (index1 < 10){

Line 8: while (1 < 10){

1 is less than 10, condition true, going inside 1st while loop

Line 9: myArray[index1] = index1 + 3;

Line 9: myArray[1] = 1 + 3;

Line 9: myArray[1] = 4;

Line 10: index2 = 1;

index2 was 0, now becomes 1

Line 11: while (index2 < index1 ){

Line 11: while (1 < 1 ){

condition false, came out of 2nd while loop

Line 15: System.out.println(myArray[index1]);

Line 15: System.out.println(myArray[1]);

OUTPUT IS = 4

Line 16: index1 = index1 + 1;

Line 16: index1 = 1 + 1;

Line 16: index1 = 2;

Line 8: while (index1 < 10){

Line 8: while (2 < 10){

2 is less than 10, condition true, going inside 1st while loop

Line 9: myArray[index1] = index1 + 3;

Line 9: myArray[2] = 2 + 3;

Line 9: myArray[2] = 5;

Line 10: index2 = 1;

index2 was 1, now becomes 1

Line 11: while (index2 < index1 ){

Line 11: while (1 < 2 ){

1 is less than 2 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[2] = myArray[2] + myArray[1] - 2;

Line 12: myArray[2] = 5 + 4 - 2;

Line 12: myArray[2] = 9 - 2;

Line 12: myArray[2] = 7;

Line 13: index2 = index2 + 1;

Line 13: index2 = 1 + 1;

Line 13: index2 = 2;

Line 11: while (index2 < index1 ){

Line 11: while (2 < 2 ){

condition false, came out of 2nd while loop

Line 15: System.out.println(myArray[index1]);

Line 15: System.out.println(myArray[2]);

OUTPUT IS = 7

Line 16: index1 = index1 + 1;

Line 16: index1 = 2 + 1;

Line 16: index1 = 3;

Line 8: while (index1 < 10){

Line 8: while (3 < 10){

3 is less than 10, condition true, going inside 1st while loop

Line 9: myArray[index1] = index1 + 3;

Line 9: myArray[3] = 3 + 3;

Line 9: myArray[3] = 6;

Line 10: index2 = 1;

index2 was 2, now becomes 1

Line 11: while (index2 < index1 ){

Line 11: while (1 < 3 ){

1 is less than 3 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[3] = myArray[3] + myArray[1] - 3;

Line 12: myArray[3] = 6 + 4 - 3;

Line 12: myArray[3] = 10 - 3;

Line 12: myArray[3] = 7;

Line 13: index2 = index2 + 1;

Line 13: index2 = 1 + 1;

Line 13: index2 = 2;

Line 11: while (index2 < index1 ){

Line 11: while (2 < 3 ){

2 is less than 3 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[3] = myArray[3] + myArray[2] - 3;

Line 12: myArray[3] = 7 + 7 - 3;

Line 12: myArray[3] = 14 - 3;

Line 12: myArray[3] = 11;

Line 13: index2 = index2 + 1;

Line 13: index2 = 2 + 1;

Line 13: index2 = 3;

Line 11: while (index2 < index1 ){

Line 11: while (3 < 3 ){

condition false, came out of 2nd while loop

Line 15: System.out.println(myArray[index1]);

Line 15: System.out.println(myArray[3]);

OUTPUT IS = 11

Line 16: index1 = index1 + 1;

Line 16: index1 = 3 + 1;

Line 16: index1 = 4;

Line 8: while (index1 < 10){

Line 8: while (4 < 10){

4 is less than 10, condition true, going inside 1st while loop

Line 9: myArray[index1] = index1 + 3;

Line 9: myArray[4] = 4 + 3;

Line 9: myArray[4] = 7;

Line 10: index2 = 1;

index2 was 3, now becomes 1

Line 11: while (index2 < index1 ){

Line 11: while (1 < 4 ){

1 is less than 4 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[4] = myArray[4] + myArray[1] - 4;

Line 12: myArray[4] = 7 + 4 - 4;

Line 12: myArray[4] = 11 - 4;

Line 12: myArray[4] = 7;

Line 13: index2 = index2 + 1;

Line 13: index2 = 1 + 1;

Line 13: index2 = 2;

Line 11: while (index2 < index1 ){

Line 11: while (2 < 4 ){

2 is less than 4 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[4] = myArray[4] + myArray[2] - 4;

Line 12: myArray[4] = 7 + 7 - 4;

Line 12: myArray[4] = 14 - 4;

Line 12: myArray[4] = 10;

Line 13: index2 = index2 + 1;

Line 13: index2 = 2 + 1;

Line 13: index2 = 3;

Line 11: while (index2 < index1 ){

Line 11: while (3 < 4 ){

3 is less than 4 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[4] = myArray[4] + myArray[3] - 4;

Line 12: myArray[4] = 10 + 11 - 4;

Line 12: myArray[4] = 21 - 4;

Line 12: myArray[4] = 17;

Line 13: index2 = index2 + 1;

Line 13: index2 = 3 + 1;

Line 13: index2 = 4;

Line 11: while (index2 < index1 ){

Line 11: while (4 < 4 ){

condition false, came out of 2nd while loop

Line 15: System.out.println(myArray[index1]);

Line 15: System.out.println(myArray[4]);

OUTPUT IS = 17

Line 16: index1 = index1 + 1;

Line 16: index1 = 4 + 1;

Line 16: index1 = 5;

Line 8: while (index1 < 10){

Line 8: while (5 < 10){

5 is less than 10, condition true, going inside 1st while loop

Line 9: myArray[index1] = index1 + 3;

Line 9: myArray[5] = 5 + 3;

Line 9: myArray[5] = 8;

Line 10: index2 = 1;

index2 was 4, now becomes 1

Line 11: while (index2 < index1 ){

Line 11: while (1 < 5 ){

1 is less than 5 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[5] = myArray[5] + myArray[1] - 5;

Line 12: myArray[5] = 8 + 4 - 5;

Line 12: myArray[5] = 12 - 5;

Line 12: myArray[5] = 7;

Line 13: index2 = index2 + 1;

Line 13: index2 = 1 + 1;

Line 13: index2 = 2;

Line 11: while (index2 < index1 ){

Line 11: while (2 < 5 ){

2 is less than 5 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[5] = myArray[5] + myArray[2] - 5;

Line 12: myArray[5] = 7 + 7 - 5;

Line 12: myArray[5] = 14 - 5;

Line 12: myArray[5] = 9;

Line 13: index2 = index2 + 1;

Line 13: index2 = 2 + 1;

Line 13: index2 = 3;

Line 11: while (index2 < index1 ){

Line 11: while (3 < 5 ){

3 is less than 5 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[5] = myArray[5] + myArray[3] - 5;

Line 12: myArray[5] = 9 + 11 - 5;

Line 12: myArray[5] = 20 - 5;

Line 12: myArray[5] = 15;

Line 13: index2 = index2 + 1;

Line 13: index2 = 3 + 1;

Line 13: index2 = 4;

Line 11: while (index2 < index1 ){

Line 11: while (4 < 5 ){

4 is less than 5 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[5] = myArray[5] + myArray[4] - 5;

Line 12: myArray[5] = 15 + 17 - 5;

Line 12: myArray[5] = 32 - 5;

Line 12: myArray[5] = 27;

Line 13: index2 = index2 + 1;

Line 13: index2 = 4 + 1;

Line 13: index2 = 5;

Line 11: while (index2 < index1 ){

Line 11: while (5 < 5 ){

condition false, came out of 2nd while loop

Line 15: System.out.println(myArray[index1]);

Line 15: System.out.println(myArray[5]);

OUTPUT IS = 27

Line 16: index1 = index1 + 1;

Line 16: index1 = 5 + 1;

Line 16: index1 = 6;

Line 8: while (index1 < 10){

Line 8: while (6 < 10){

6 is less than 10, condition true, going inside 1st while loop

Line 9: myArray[index1] = index1 + 3;

Line 9: myArray[6] = 6 + 3;

Line 9: myArray[6] = 9;

Line 10: index2 = 1;

index2 was 5, now becomes 1

Line 11: while (index2 < index1 ){

Line 11: while (1 < 6 ){

1 is less than 6 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[6] = myArray[6] + myArray[1] - 6;

Line 12: myArray[6] = 9 + 4 - 6;

Line 12: myArray[6] = 13 - 6;

Line 12: myArray[6] = 7;

Line 13: index2 = index2 + 1;

Line 13: index2 = 1 + 1;

Line 13: index2 = 2;

Line 11: while (index2 < index1 ){

Line 11: while (2 < 6 ){

2 is less than 6 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[6] = myArray[6] + myArray[2] - 6;

Line 12: myArray[6] = 7 + 7 - 6;

Line 12: myArray[6] = 14 - 6;

Line 12: myArray[6] = 8;

Line 13: index2 = index2 + 1;

Line 13: index2 = 2 + 1;

Line 13: index2 = 3;

Line 11: while (index2 < index1 ){

Line 11: while (3 < 6 ){

3 is less than 6 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[6] = myArray[6] + myArray[3] - 6;

Line 12: myArray[6] = 8 + 11 - 6;

Line 12: myArray[6] = 19 - 6;

Line 12: myArray[6] = 13;

Line 13: index2 = index2 + 1;

Line 13: index2 = 3 + 1;

Line 13: index2 = 4;

Line 11: while (index2 < index1 ){

Line 11: while (4 < 6 ){

4 is less than 6 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[6] = myArray[6] + myArray[4] - 6;

Line 12: myArray[6] = 13 + 17 - 6;

Line 12: myArray[6] = 30 - 6;

Line 12: myArray[6] = 24;

Line 13: index2 = index2 + 1;

Line 13: index2 = 4 + 1;

Line 13: index2 = 5;

Line 11: while (index2 < index1 ){

Line 11: while (5 < 6 ){

5 is less than 6 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[6] = myArray[6] + myArray[5] - 6;

Line 12: myArray[6] = 24 + 27 - 6;

Line 12: myArray[6] = 51 - 6;

Line 12: myArray[6] = 45;

Line 13: index2 = index2 + 1;

Line 13: index2 = 5 + 1;

Line 13: index2 = 6;

Line 11: while (index2 < index1 ){

Line 11: while (6 < 6 ){

condition false, came out of 2nd while loop

Line 15: System.out.println(myArray[index1]);

Line 15: System.out.println(myArray[6]);

OUTPUT IS = 45

Line 16: index1 = index1 + 1;

Line 16: index1 = 6 + 1;

Line 16: index1 = 7;

Line 8: while (index1 < 10){

Line 8: while (7 < 10){

7 is less than 10, condition true, going inside 1st while loop

Line 9: myArray[index1] = index1 + 3;

Line 9: myArray[7] = 7 + 3;

Line 9: myArray[7] = 10;

Line 10: index2 = 1;

index2 was 6, now becomes 1

Line 11: while (index2 < index1 ){

Line 11: while (1 < 7 ){

1 is less than 7 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[7] = myArray[7] + myArray[1] - 7;

Line 12: myArray[7] = 10 + 4 - 7;

Line 12: myArray[7] = 14 - 7;

Line 12: myArray[7] = 7;

Line 13: index2 = index2 + 1;

Line 13: index2 = 1 + 1;

Line 13: index2 = 2;

Line 11: while (index2 < index1 ){

Line 11: while (2 < 7 ){

2 is less than 7 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[7] = myArray[7] + myArray[2] - 7;

Line 12: myArray[7] = 7 + 7 - 7;

Line 12: myArray[7] = 14 - 7;

Line 12: myArray[7] = 7;

Line 13: index2 = index2 + 1;

Line 13: index2 = 2 + 1;

Line 13: index2 = 3;

Line 11: while (index2 < index1 ){

Line 11: while (3 < 7 ){

3 is less than 7 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[7] = myArray[7] + myArray[3] - 7;

Line 12: myArray[7] = 7 + 11 - 7;

Line 12: myArray[7] = 18 - 7;

Line 12: myArray[7] = 11;

Line 13: index2 = index2 + 1;

Line 13: index2 = 3 + 1;

Line 13: index2 = 4;

Line 11: while (index2 < index1 ){

Line 11: while (4 < 7 ){

4 is less than 7 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[7] = myArray[7] + myArray[4] - 7;

Line 12: myArray[7] = 11 + 17 - 7;

Line 12: myArray[7] = 28 - 7;

Line 12: myArray[7] = 21;

Line 13: index2 = index2 + 1;

Line 13: index2 = 4 + 1;

Line 13: index2 = 5;

Line 11: while (index2 < index1 ){

Line 11: while (5 < 7 ){

5 is less than 7 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[7] = myArray[7] + myArray[5] - 7;

Line 12: myArray[7] = 21 + 27 - 7;

Line 12: myArray[7] = 48 - 7;

Line 12: myArray[7] = 41;

Line 13: index2 = index2 + 1;

Line 13: index2 = 5 + 1;

Line 13: index2 = 6;

Line 11: while (index2 < index1 ){

Line 11: while (6 < 7 ){

6 is less than 7 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[7] = myArray[7] + myArray[6] - 7;

Line 12: myArray[7] = 41 + 45 - 7;

Line 12: myArray[7] = 86 - 7;

Line 12: myArray[7] = 79;

Line 13: index2 = index2 + 1;

Line 13: index2 = 6 + 1;

Line 13: index2 = 7;

Line 11: while (index2 < index1 ){

Line 11: while (7 < 7 ){

condition false, came out of 2nd while loop

Line 15: System.out.println(myArray[index1]);

Line 15: System.out.println(myArray[7]);

OUTPUT IS = 79

Line 16: index1 = index1 + 1;

Line 16: index1 = 7 + 1;

Line 16: index1 = 8;

Line 8: while (index1 < 10){

Line 8: while (8 < 10){

8 is less than 10, condition true, going inside 1st while loop

Line 9: myArray[index1] = index1 + 3;

Line 9: myArray[8] = 8 + 3;

Line 9: myArray[8] = 11;

Line 10: index2 = 1;

index2 was 7, now becomes 1

Line 11: while (index2 < index1 ){

Line 11: while (1 < 8 ){

1 is less than 8 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[8] = myArray[8] + myArray[1] - 8;

Line 12: myArray[8] = 11 + 4 - 8;

Line 12: myArray[8] = 15 - 8;

Line 12: myArray[8] = 7;

Line 13: index2 = index2 + 1;

Line 13: index2 = 1 + 1;

Line 13: index2 = 2;

Line 11: while (index2 < index1 ){

Line 11: while (2 < 8 ){

2 is less than 8 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[8] = myArray[8] + myArray[2] - 8;

Line 12: myArray[8] = 7 + 7 - 8;

Line 12: myArray[8] = 14 - 8;

Line 12: myArray[8] = 6;

Line 13: index2 = index2 + 1;

Line 13: index2 = 2 + 1;

Line 13: index2 = 3;

Line 11: while (index2 < index1 ){

Line 11: while (3 < 8 ){

3 is less than 8 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[8] = myArray[8] + myArray[3] - 8;

Line 12: myArray[8] = 6 + 11 - 8;

Line 12: myArray[8] = 17 - 8;

Line 12: myArray[8] = 9;

Line 13: index2 = index2 + 1;

Line 13: index2 = 3 + 1;

Line 13: index2 = 4;

Line 11: while (index2 < index1 ){

Line 11: while (4 < 8 ){

4 is less than 8 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[8] = myArray[8] + myArray[4] - 8;

Line 12: myArray[8] = 9 + 17 - 8;

Line 12: myArray[8] = 26 - 8;

Line 12: myArray[8] = 18;

Line 13: index2 = index2 + 1;

Line 13: index2 = 4 + 1;

Line 13: index2 = 5;

Line 11: while (index2 < index1 ){

Line 11: while (5 < 8 ){

5 is less than 8 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[8] = myArray[8] + myArray[5] - 8;

Line 12: myArray[8] = 18 + 27 - 8;

Line 12: myArray[8] = 45 - 8;

Line 12: myArray[8] = 37;

Line 13: index2 = index2 + 1;

Line 13: index2 = 5 + 1;

Line 13: index2 = 6;

Line 11: while (index2 < index1 ){

Line 11: while (6 < 8 ){

6 is less than 8 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[8] = myArray[8] + myArray[6] - 8;

Line 12: myArray[8] = 37 + 45 - 8;

Line 12: myArray[8] = 82 - 8;

Line 12: myArray[8] = 74;

Line 13: index2 = index2 + 1;

Line 13: index2 = 6 + 1;

Line 13: index2 = 7;

Line 11: while (index2 < index1 ){

Line 11: while (7 < 8 ){

7 is less than 8 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[8] = myArray[8] + myArray[7] - 8;

Line 12: myArray[8] = 74 + 79 - 8;

Line 12: myArray[8] = 153 - 8;

Line 12: myArray[8] = 145;

Line 13: index2 = index2 + 1;

Line 13: index2 = 7 + 1;

Line 13: index2 = 8;

Line 11: while (index2 < index1 ){

Line 11: while (8 < 8 ){

condition false, came out of 2nd while loop

Line 15: System.out.println(myArray[index1]);

Line 15: System.out.println(myArray[8]);

OUTPUT IS = 145

Line 16: index1 = index1 + 1;

Line 16: index1 = 8 + 1;

Line 16: index1 = 9;

Line 8: while (index1 < 10){

Line 8: while (9 < 10){

9 is less than 10, condition true, going inside 1st while loop

Line 9: myArray[index1] = index1 + 3;

Line 9: myArray[9] = 9 + 3;

Line 9: myArray[9] = 12;

Line 10: index2 = 1;

index2 was 8, now becomes 1

Line 11: while (index2 < index1 ){

Line 11: while (1 < 9 ){

1 is less than 9 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[9] = myArray[9] + myArray[1] - 9;

Line 12: myArray[9] = 12 + 4 - 9;

Line 12: myArray[9] = 16 - 9;

Line 12: myArray[9] = 7;

Line 13: index2 = index2 + 1;

Line 13: index2 = 1 + 1;

Line 13: index2 = 2;

Line 11: while (index2 < index1 ){

Line 11: while (2 < 9 ){

2 is less than 9 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[9] = myArray[9] + myArray[2] - 9;

Line 12: myArray[9] = 7 + 7 - 9;

Line 12: myArray[9] = 14 - 9;

Line 12: myArray[9] = 5;

Line 13: index2 = index2 + 1;

Line 13: index2 = 2 + 1;

Line 13: index2 = 3;

Line 11: while (index2 < index1 ){

Line 11: while (3 < 9 ){

3 is less than 9 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[9] = myArray[9] + myArray[3] - 9;

Line 12: myArray[9] = 5 + 11 - 9;

Line 12: myArray[9] = 16 - 9;

Line 12: myArray[9] = 7;

Line 13: index2 = index2 + 1;

Line 13: index2 = 3 + 1;

Line 13: index2 = 4;

Line 11: while (index2 < index1 ){

Line 11: while (4 < 9 ){

4 is less than 9 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[9] = myArray[9] + myArray[4] - 9;

Line 12: myArray[9] = 7 + 17 - 9;

Line 12: myArray[9] = 24 - 9;

Line 12: myArray[9] = 15;

Line 13: index2 = index2 + 1;

Line 13: index2 = 4 + 1;

Line 13: index2 = 5;

Line 11: while (index2 < index1 ){

Line 11: while (5 < 9 ){

5 is less than 9 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[9] = myArray[9] + myArray[5] - 9;

Line 12: myArray[9] = 15 + 27 - 9;

Line 12: myArray[9] = 42 - 9;

Line 12: myArray[9] = 33;

Line 13: index2 = index2 + 1;

Line 13: index2 = 5 + 1;

Line 13: index2 = 6;

Line 11: while (index2 < index1 ){

Line 11: while (6 < 9 ){

6 is less than 9 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[9] = myArray[9] + myArray[6] - 9;

Line 12: myArray[9] = 33 + 45 - 9;

Line 12: myArray[9] = 78 - 9;

Line 12: myArray[9] = 69;

Line 13: index2 = index2 + 1;

Line 13: index2 = 6 + 1;

Line 13: index2 = 7;

Line 11: while (index2 < index1 ){

Line 11: while (7 < 9 ){

7 is less than 9 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[9] = myArray[9] + myArray[7] - 9;

Line 12: myArray[9] = 69 + 79 - 9;

Line 12: myArray[9] = 148 - 9;

Line 12: myArray[9] = 139;

Line 13: index2 = index2 + 1;

Line 13: index2 = 7 + 1;

Line 13: index2 = 8;

Line 11: while (index2 < index1 ){

Line 11: while (8 < 9 ){

8 is less than 9 condition true, going inside 2nd while loop

Line 12: myArray[index1] = myArray[index1] + myArray[index2] - index1;

Line 12: myArray[9] = myArray[9] + myArray[8] - 9;

Line 12: myArray[9] = 139 + 145 - 9;

Line 12: myArray[9] = 284 - 9;

Line 12: myArray[9] = 275;

Line 13: index2 = index2 + 1;

Line 13: index2 = 8 + 1;

Line 13: index2 = 9;

Line 11: while (index2 < index1 ){

Line 11: while (9 < 9 ){

condition false, came out of 2nd while loop

Line 15: System.out.println(myArray[index1]);

Line 15: System.out.println(myArray[9]);

OUTPUT IS = 275

Line 16: index1 = index1 + 1;

Line 16: index1 = 9 + 1;

Line 16: index1 = 10;

Line 8: while (index1 < 10){

Line 8: while (10 < 10){

condition false, came out of 1st while loop