Input

 # Source Code:

```
namespace MainProject
{
  class MainClass
  {
    public void MainMethod()
    {
      int[] earray_3;
      int elem_0;
      int elem_2;
      int elem_4;
      int[] a;
    }
  }
}
```

 # Class Name:

MainClass

 # Method Name:

MainMethod

 # Path Constraint:

a[elem_0] == elem_2 && earray_3 == a && !(elem_2 == elem_4)

Output

Path Constraint:
(a[elem_0]==elem_2&&elem_0>=0&&elem_0<5)&&earray_3==a&&(elem_2!=elem_4)

Results:
(elem_0, (0, 2))
(elem_4, (-8, -6))
(elem_2, (-8, -6))
(earray_3[0], (-8, -6))
(a[0], (-8, -6))
(earray_3[1], (-8, -6))
(a[1], (-8, -6))
(earray_3[2], (-8, -6))
(a[2], (-8, -6))
(earray_3[3], ANY)
(a[3], ANY)
(earray_3[4], ANY)
(a[4], ANY)

(elem_0, (0, 2))
(elem_4, (-6, -4))
(elem_2, (-8, -6))
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(a[1], (-8, -6))
(earray_3[2], (-8, -6))
(a[2], (-8, -6))
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(a[3], ANY)
(earray_3[4], ANY)

(a[4], ANY)

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Execution Time: 6079 ms
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