

# Use stackalloc to allocate memory for integer array

```
using System;

class TestStackallocApp
{
    unsafe public static void Foo(int* pa)
    {
        for (int* ip = pa; ip < (pa+5); ip++) {
            Console.WriteLine("value {0} at address: {1}", *ip, (int)ip);
        }
    }
    static void Main(string[] args) { unsafe { int* pa =
        stackalloc int[5]; pa[0] = 12; pa[1] = 34; pa[2] = 56; pa[3] =
        78; pa[4] = 90; Foo(pa); } } } [/csharp]
```