

Enter an integer:4

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----- FP=bfbfec88, 64 bytes
(EAX=      1), (EBX=      1), (ECX=      0), (EDX=      4)
bfbfec5c: 80485c2, 134514114
bfbfec60: 40, 64
bfbfec64: bfbfec84, -1077941116
bfbfec68: bfbfec80, -1077941120
bfbfec6c: 1, 1
bfbfec70: bfbfecd8, -1077941032
bfbfec74: 2804e2a0, 671408800
bfbfec78: bfbfec98, -1077941096
bfbfec7c: 28127641, 672298561
bfbfec80: 10, 16
bfbfec84: 4, 4
bfbfec88: bfbfec88, -1077941048
bfbfec8c: 8048476, 134513782

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Color Legend:

FP address

return address

"pushed arguments"

Recursive local data

Global (i.e. main's) data

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----- FP=bfbfec58, 64 bytes
(EAX=      1), (EBX=      1), (ECX=      0), (EDX=      4)
bfbfec3c: 804853c, 134513980
bfbfec40: 40, 64
bfbfec44: bfbfecd8, -1077941032
bfbfec48: 1, 1
bfbfec4c: 0, 0
bfbfec50: 4, 4
bfbfec54: 2804e2a0, 671408800
bfbfec58: bfbfec88, -1077941112
bfbfec5c: 80485d0, 134514128
bfbfec60: 4, 4
bfbfec64: bfbfec84, -1077941116
bfbfec68: bfbfec80, -1077941120
bfbfec6c: 1, 1

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----- FP=bfbfec38, 64 bytes
(EAX=      3), (EBX=      1), (ECX=      0), (EDX=      4)
bfbfec1c: 804853c, 134513980
bfbfec20: 40, 64
bfbfec24: bfbfec98, -1077941096
bfbfec28: 1, 1
bfbfec2c: 0, 0
bfbfec30: 4, 4
bfbfec34: 8048688, 134514312
bfbfec38: bfbfec58, -1077941160
bfbfec3c: 804855b, 134514011
bfbfec40: 3, 3
bfbfec44: bfbfecd8, -1077941032
bfbfec48: 1, 1
bfbfec4c: 0, 0

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----- FP=bfbfec18, 64 bytes
(EAX=      2), (EBX=      1), (ECX=      0), (EDX=      4)
bfbfebfc: 804853c, 134513980
bfbfec00: 40, 64
bfbfec04: bfbfec88, -1077941112
bfbfec08: 1, 1
bfbfec0c: 0, 0
bfbfec10: 4, 4
bfbfec14: 8048688, 134514312
bfbfec18: bfbfec38, -1077941192
bfbfec1c: 804855b, 134514011
bfbfec20: 2, 2
bfbfec24: bfbfec98, -1077941096
bfbfec28: 1, 1
bfbfec2c: 0, 0

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----- FP=bfbfebfc, 64 bytes
(EAX=      1), (EBX=      1), (ECX=      0), (EDX=      4)
bfbfebdc: 804853c, 134513980
bfbfebe0: 40, 64
bfbfebe4: bfbfec58, -1077941160
bfbfebe8: 1, 1
bfbfebec: 0, 0
bfbfebf0: 4, 4
bfbfebf4: 8048688, 134514312
bfbfebf8: bfbfec18, -1077941224
bfbfebfc: 804855b, 134514011
bfbfec00: 1, 1
bfbfec04: bfbfec88, -1077941112
bfbfec08: 1, 1
bfbfec0c: 0, 0

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----- FP=bfbfebfb8, 64 bytes
(EAX=      1), (EBX=      1), (ECX=      0), (EDX=      4)
bfbfebdc: 804856f, 134514031
bfbfebe0: 40, 64
bfbfebe4: bfbfec58, -1077941160
bfbfebe8: 1, 1
bfbfebec: 0, 0
bfbfebfb0: 4, 4
bfbfebfb4: 1, 1
bfbfebfb8: bfbfec18, -1077941224
bfbfebfbfc: 804855b, 134514011
bfbfec00: 1, 1
bfbfec04: bfbfec88, -1077941112
bfbfec08: 1, 1
bfbfec0c: 0, 0

```

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----- FP=bfbfec18, 64 bytes
(EAX=      2), (EBX=      1), (ECX=      0), (EDX=      4)
bfbfebfc: 804856f, 134514031
bfbfec00: 40, 64
bfbfec04: bfbfec88, -1077941112
bfbfec08: 1, 1
bfbfec0c: 0, 0
bfbfec10: 4, 4
bfbfec14: 2, 2
bfbfec18: bfbfec38, -1077941192
bfbfec1c: 804855b, 134514011
bfbfec20: 2, 2
bfbfec24: bfbfec98, -1077941096
bfbfec28: 1, 1
bfbfec2c: 0, 0

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----- FP=bfbfec38, 64 bytes
(EAX=      6), (EBX=      1), (ECX=      0), (EDX=      4)
bfbfec1c: 804856f, 134514031
bfbfec20: 40, 64
bfbfec24: bfbfec98, -1077941096
bfbfec28: 1, 1
bfbfec2c: 0, 0
bfbfec30: 4, 4
bfbfec34: 6, 6
bfbfec38: bfbfec58, -1077941160
bfbfec3c: 804855b, 134514011
bfbfec40: 3, 3
bfbfec44: bfbfecd8, -1077941032
bfbfec48: 1, 1
bfbfec4c: 0, 0
bfbfec58: bfbfec88, -1077941112

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----- FP=bfbfec58, 64 bytes
(EAX=     24), (EBX=      1), (ECX=      0), (EDX=      4)
bfbfec3c: 804856f, 134514031
bfbfec40: 40, 64
bfbfec44: bfbfecd8, -1077941032
bfbfec48: 1, 1
bfbfec4c: 0, 0
bfbfec50: 4, 4
bfbfec54: 18, 24
bfbfec58: bfbfec88, -1077941112
bfbfec5c: 80485d0, 134514128
bfbfec60: 4, 4
bfbfec64: bfbfec84, -1077941116
bfbfec68: bfbfec80, -1077941120
bfbfec6c: 1, 1

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----- FP=bfbfec88, 64 bytes
(EAX=     24), (EBX=      1), (ECX=      0), (EDX=      4)
bfbfec5c: 80485e0, 134514144
bfbfec60: 40, 64
bfbfec64: bfbfec84, -1077941116
bfbfec68: bfbfec80, -1077941120
bfbfec6c: 1, 1
bfbfec70: bfbfecd8, -1077941032
bfbfec74: 2804e2a0, 671408800
bfbfec78: bfbfec98, -1077941096
bfbfec7c: 28127641, 672298561
bfbfec80: 18, 24
bfbfec84: 4, 4
bfbfec88: bfbfecc8, -1077941048
bfbfec8c: 8048476, 134513782

```

4! is 24