Stack

Call Method with
Value Types Arguments

```
static int Main()
{
    int a = 5, y = 3, result;
    result = pow(a, y);
}

static int pow(int a, int b)
{
    int res = 1;
    for(int i=0; i<b; i++)
    {
        res *= a;
    }

    return res;
}
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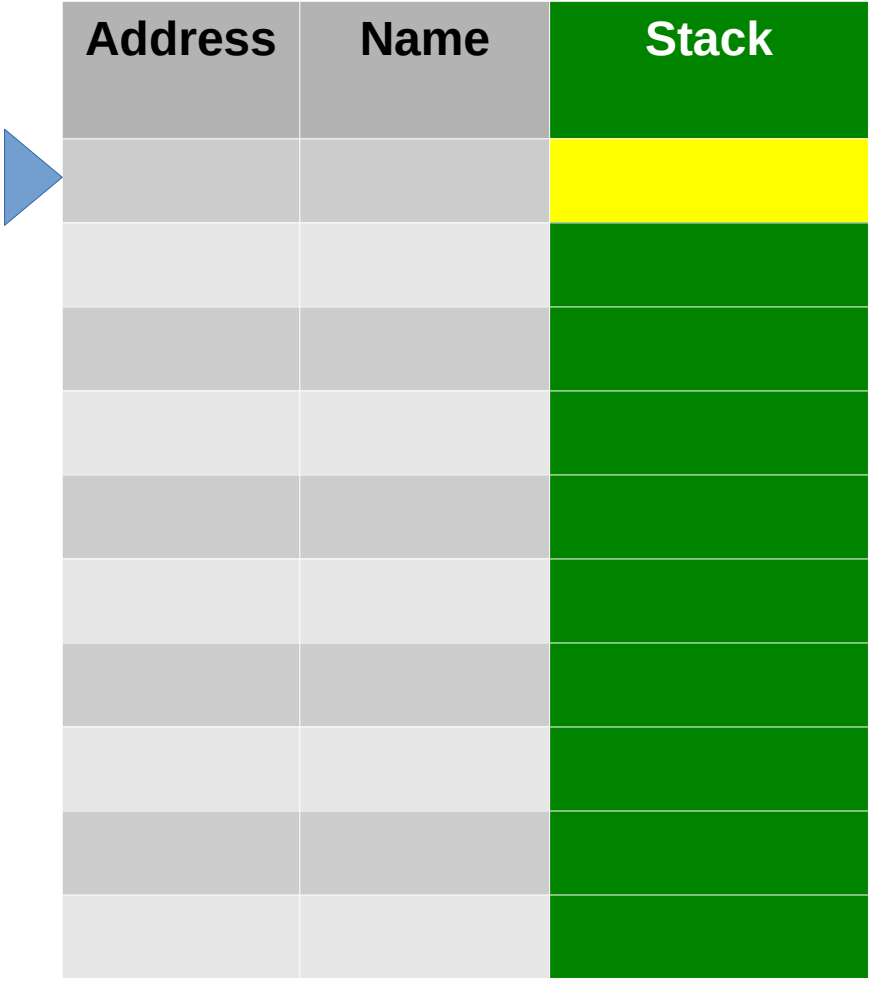

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Address	Name	Stack
$FFFF	a	5

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static int Main()
{
    int a = 5, y = 3, result;
    result = pow(a, y);
}

static int pow(int a, int b)
{
    int res = 1;
    for(int i=0; i<b; i++)
    {
        res *= a;
    }

    return res;
}
```

Address	Name	Stack
$FFFF	a	5
$FFFB	y	3

```
static int Main()
{
    int a = 5, y = 3, result;
    result = pow(a, y);
}

static int pow(int a, int b)
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    int res = 1;
    for(int i=0; i<b; i++)
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        res *= a;
    }

    return res;
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```

Address	Name	Stack
$FFFF	a	5
$FFFB	y	3
$FFF7	result	

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static int Main()
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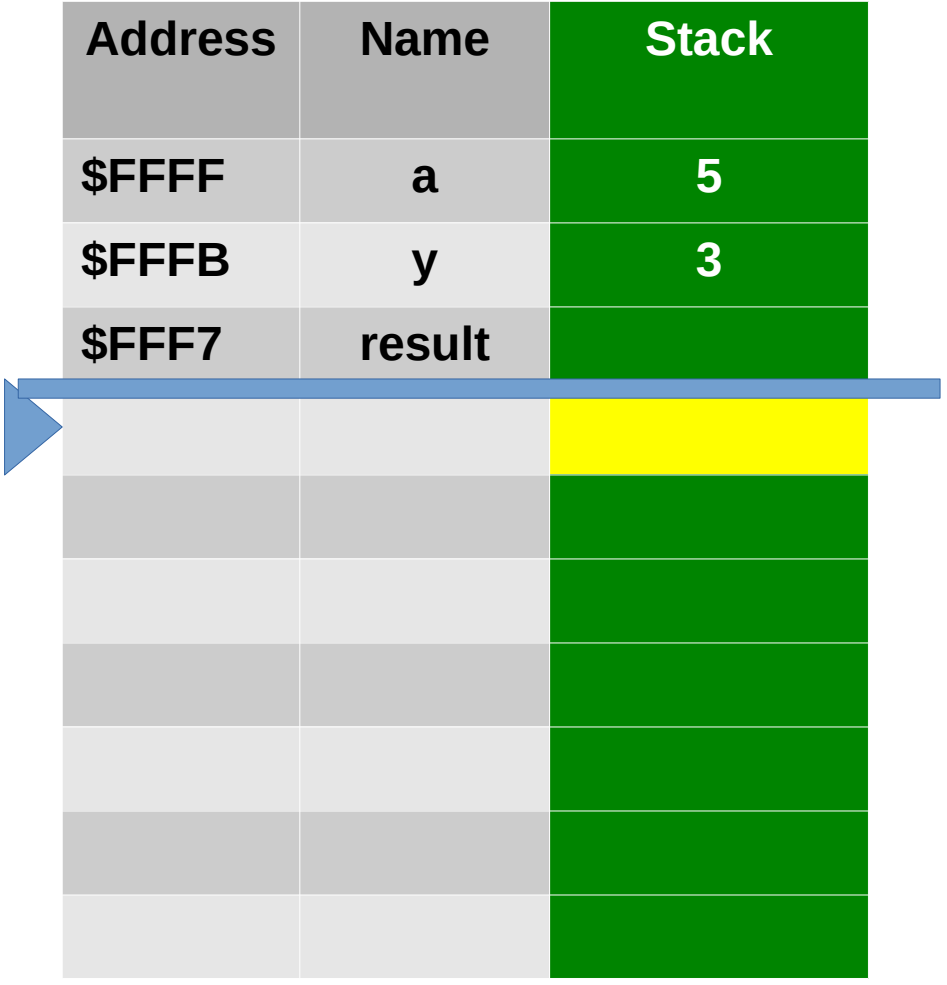

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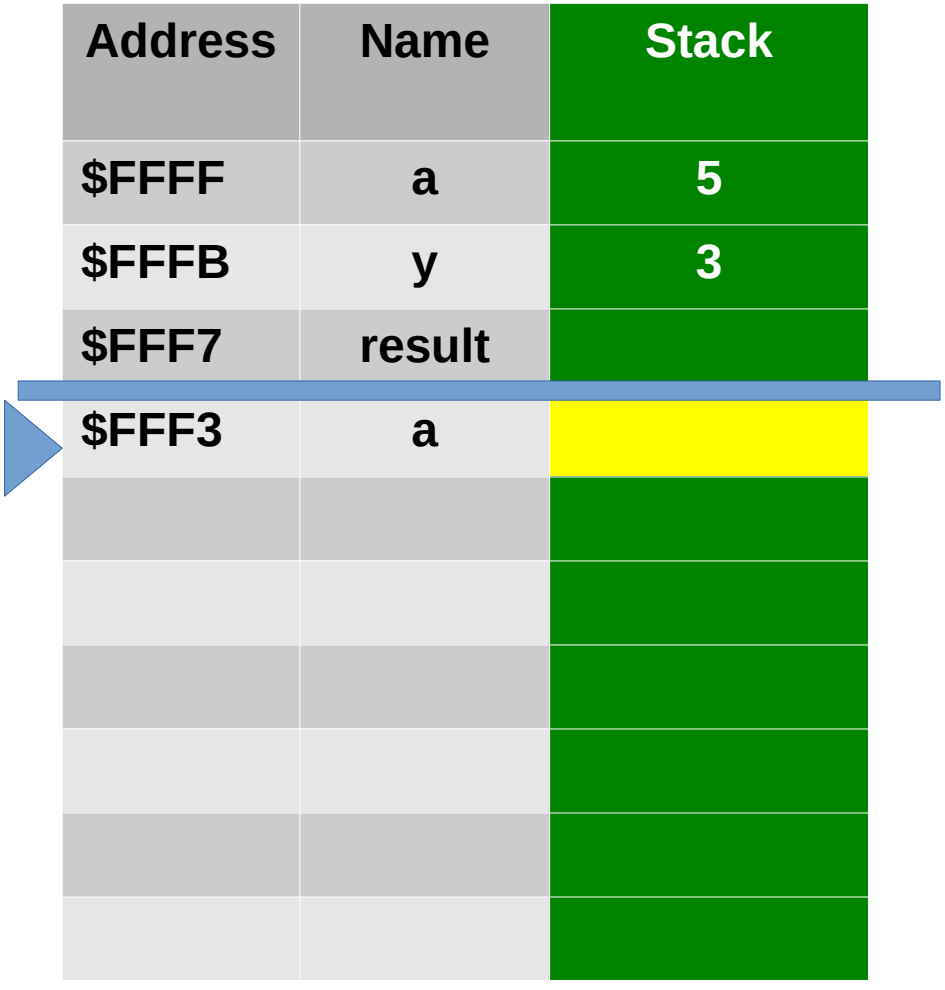

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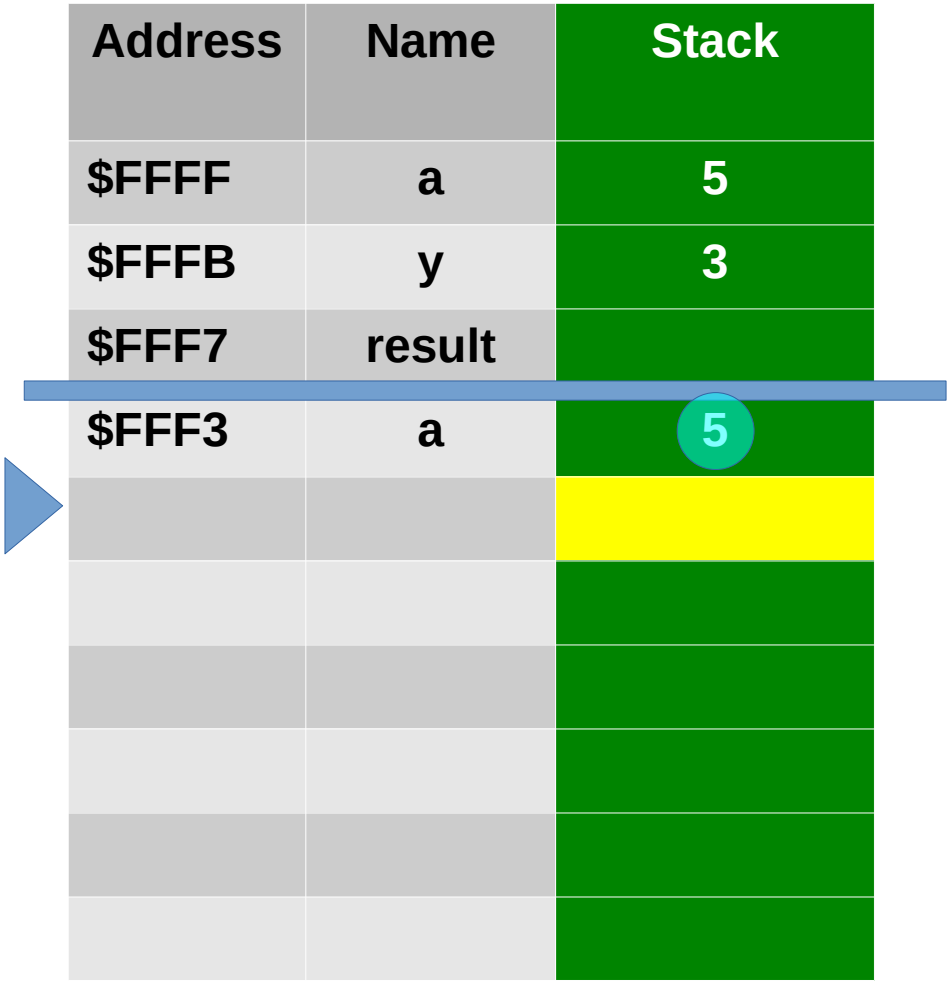

Address	Name	Stack
$FFFF	a	5
$FFFB	y	3
$FFF7	result	
$FFF3	a	5

```
static int Main()
{
    int a = 5, y = 3, result;
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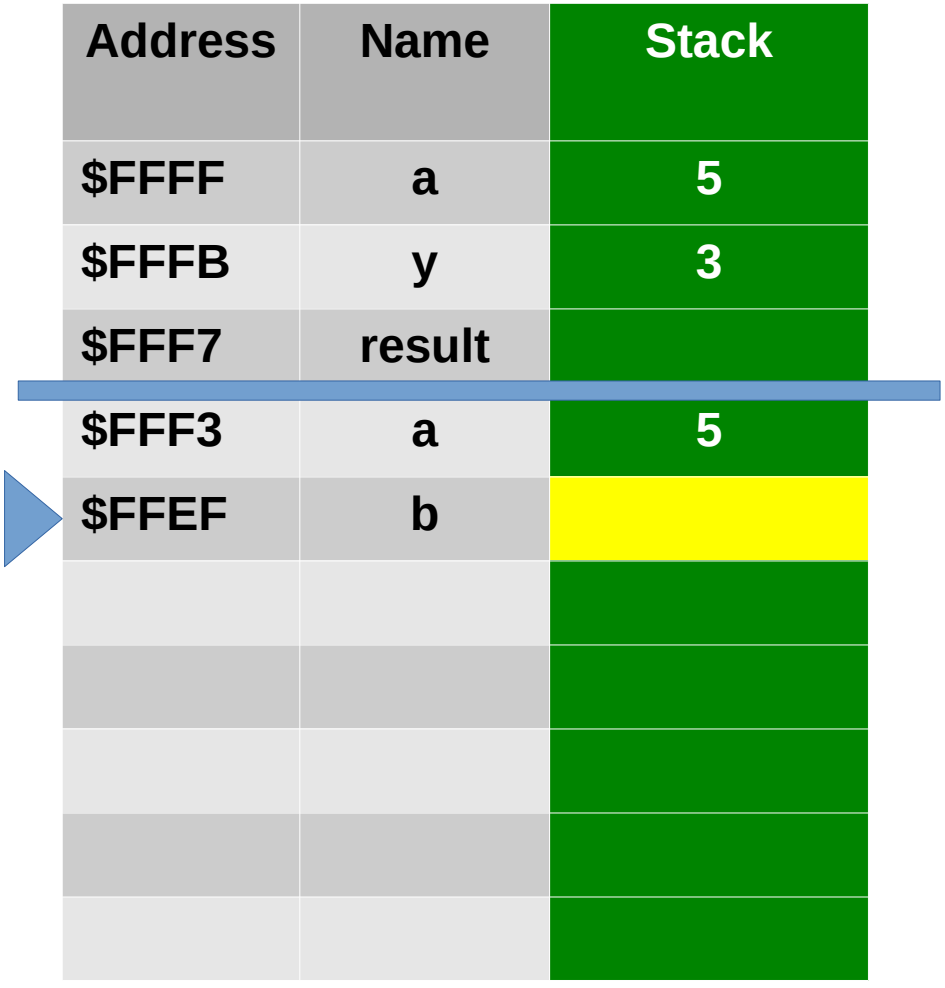

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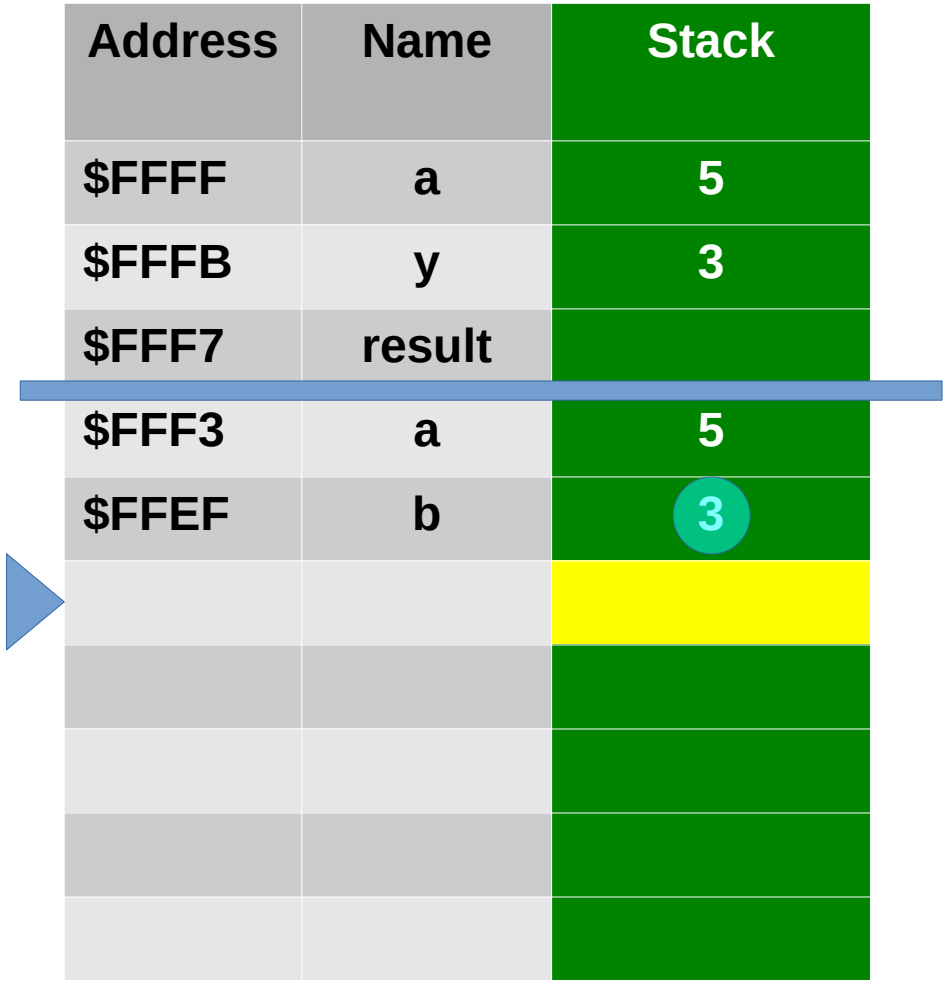

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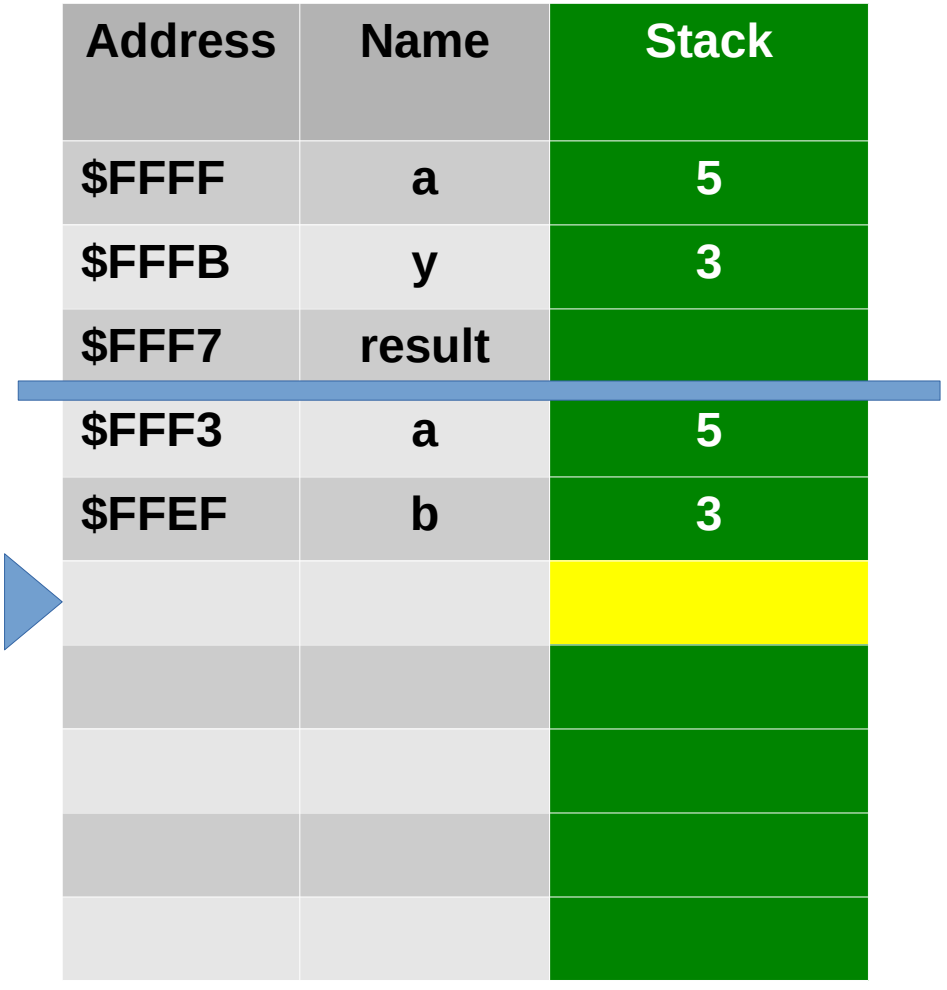

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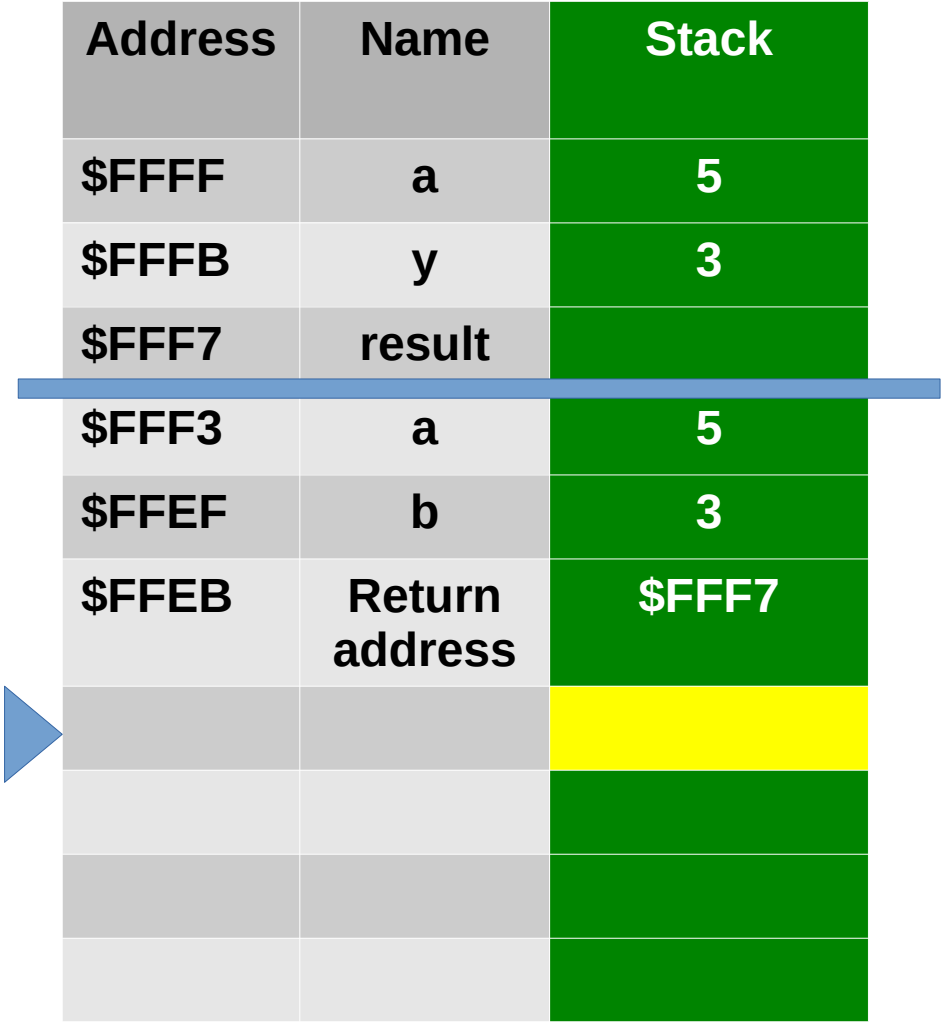

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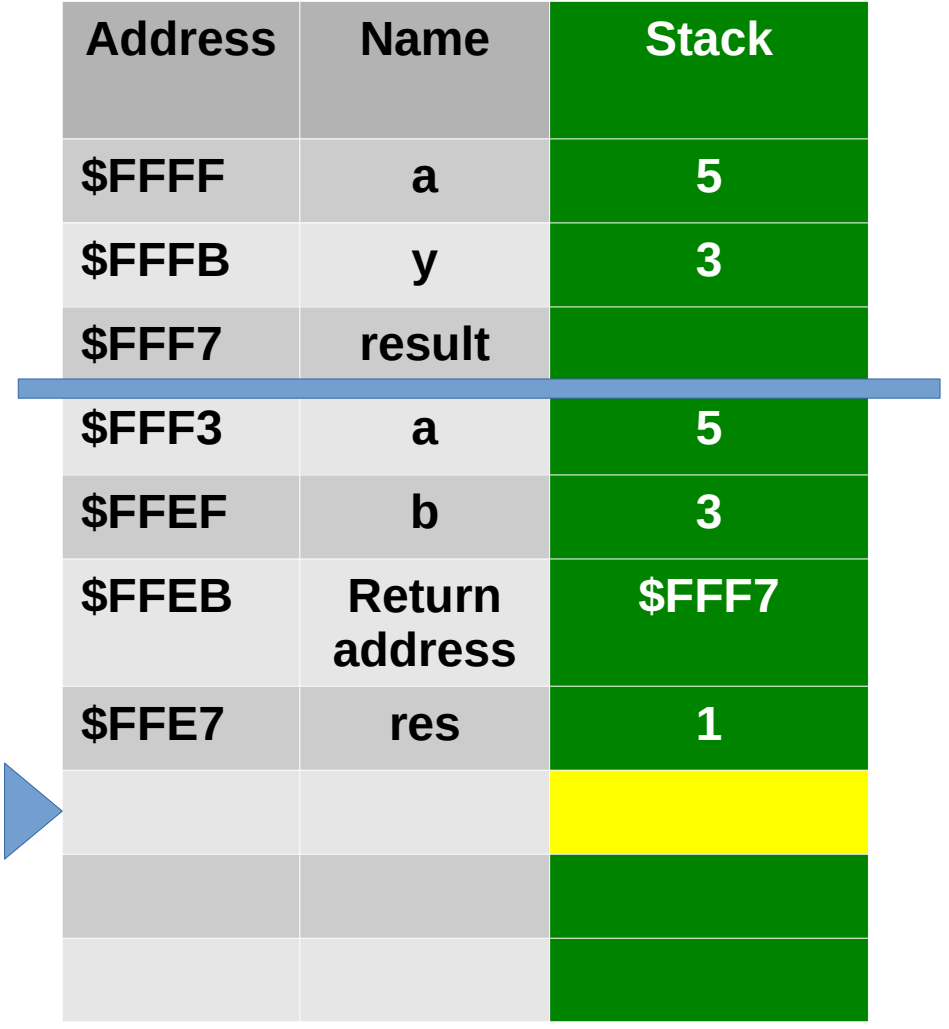

Address	Name	Stack
$FFFF	a	5
$FFFB	y	3
$FFF7	result	
$FFF3	a	5
$FFEF	b	3
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$FFE7	res	1

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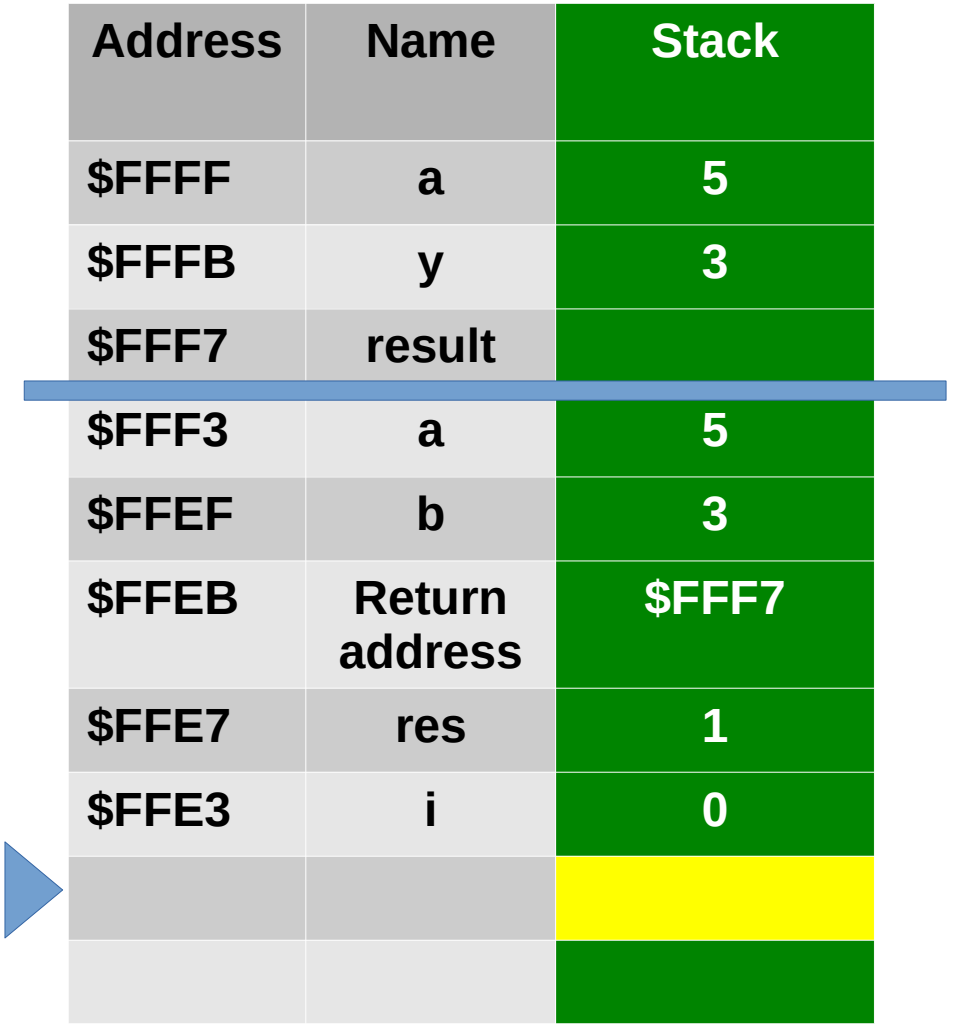

Address	Name	Stack
$FFFF	a	5
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$FFEF	b	3
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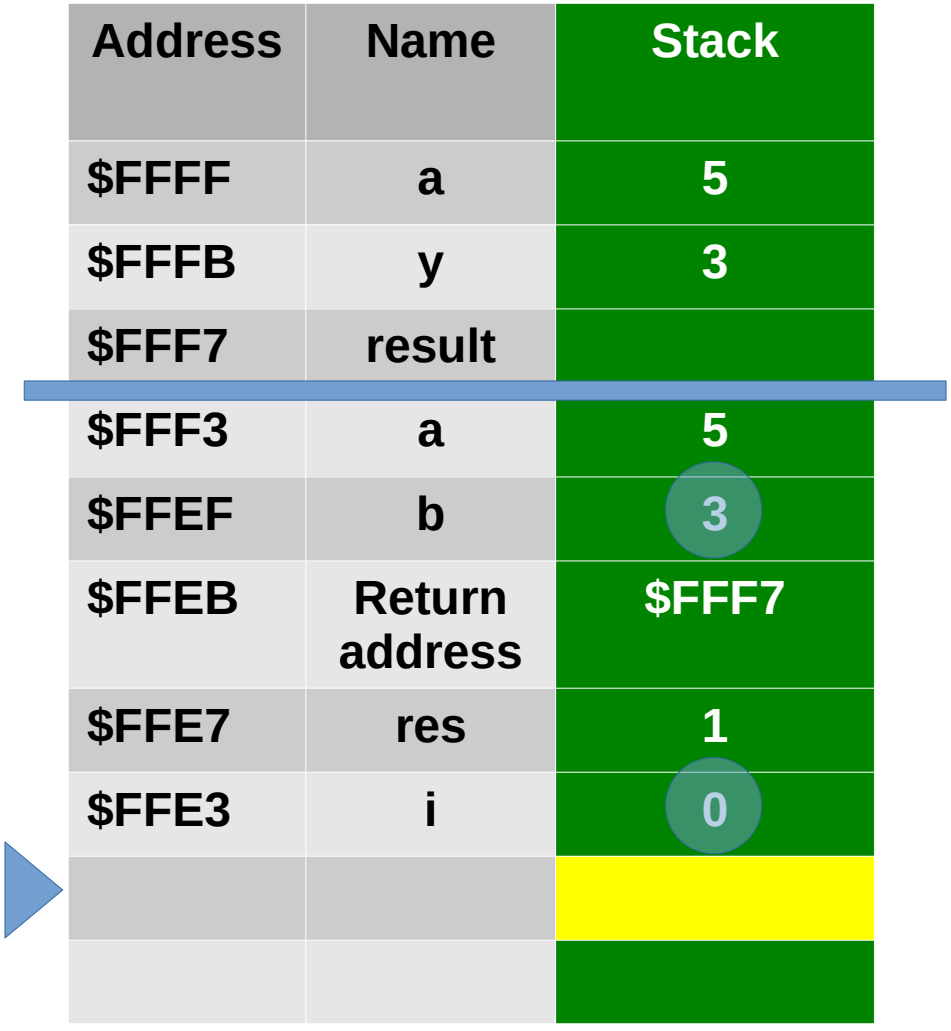

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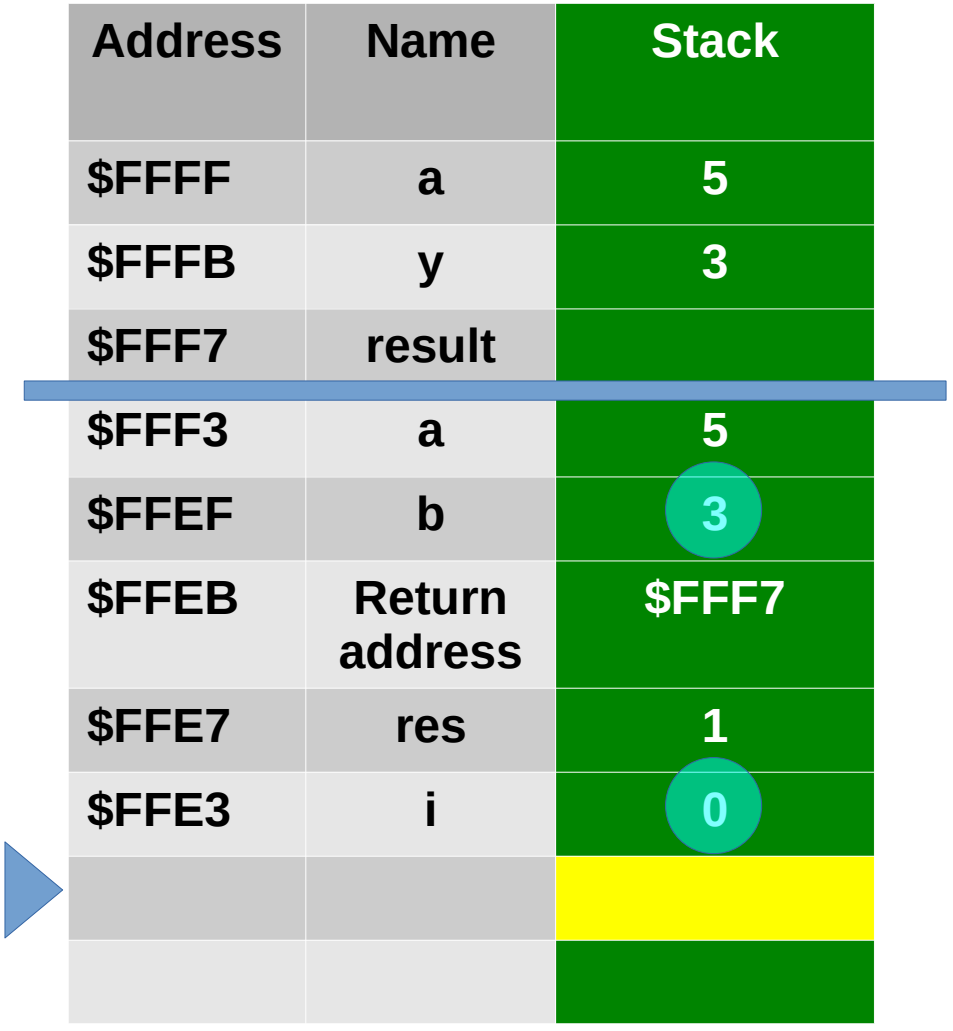

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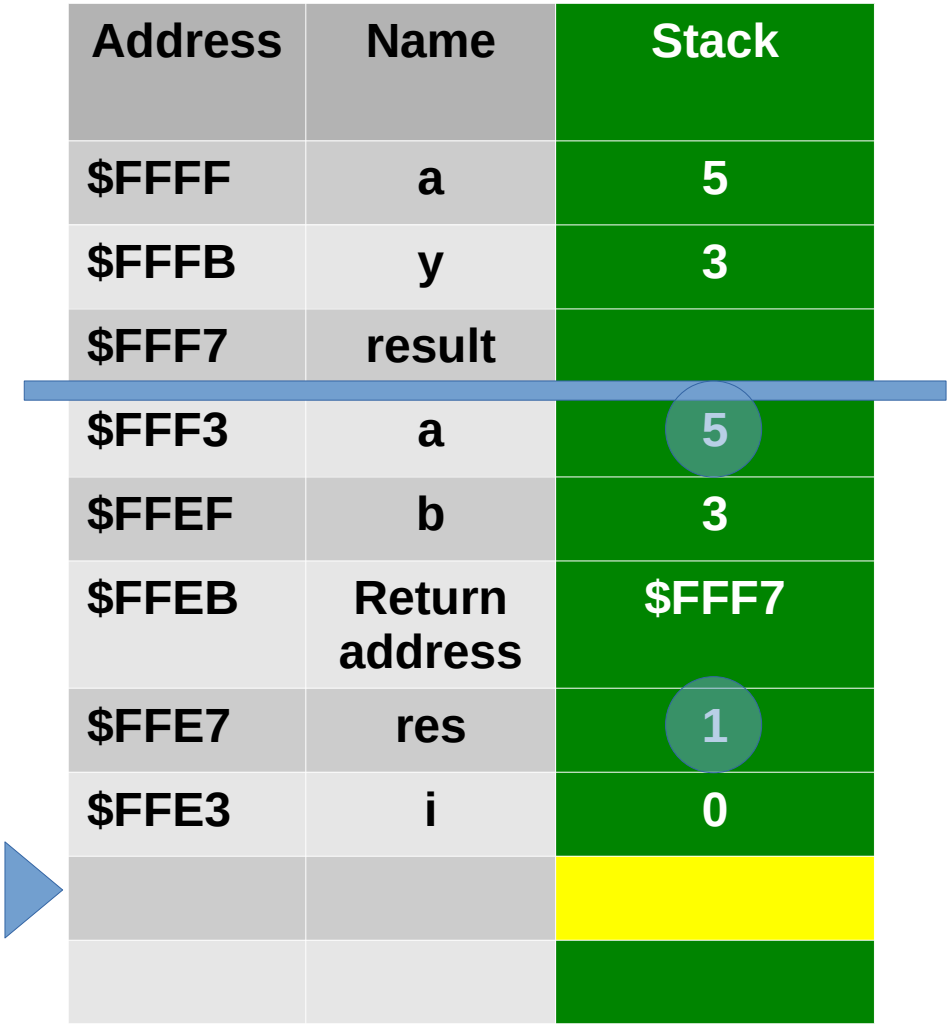

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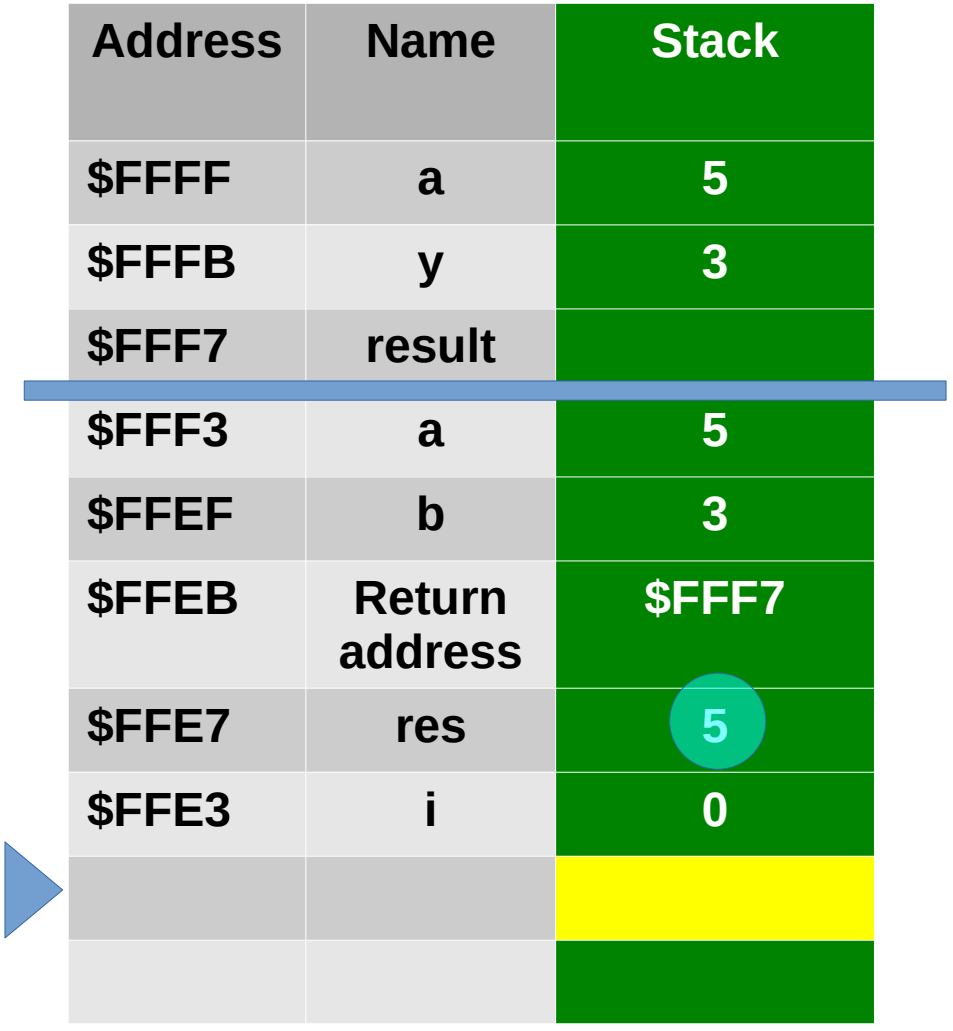

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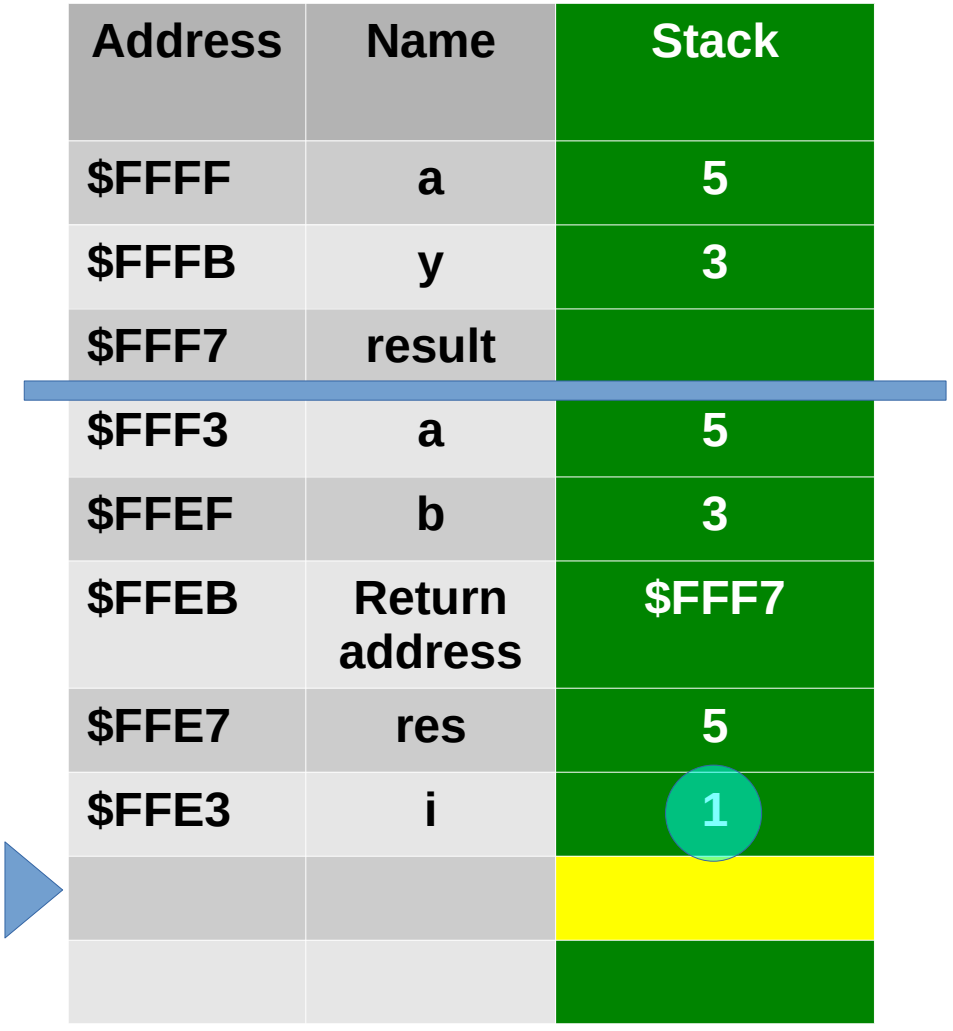

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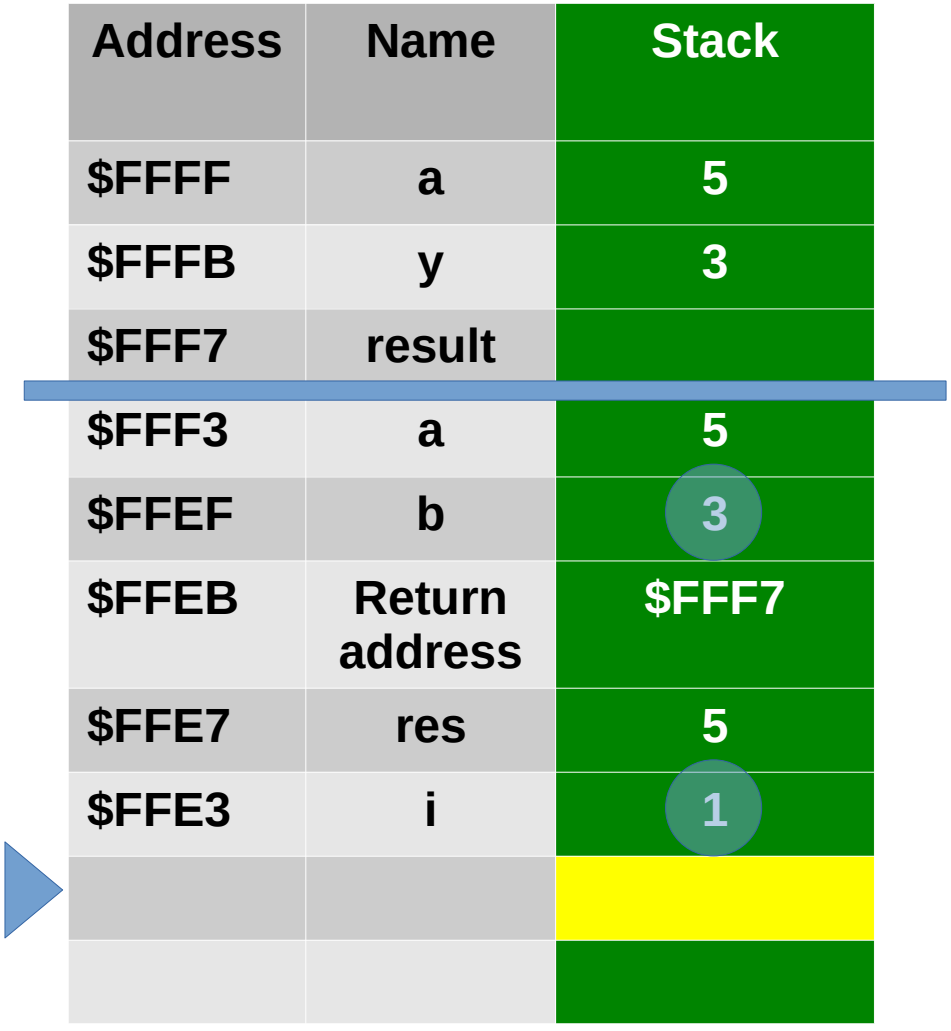

Address	Name	Stack
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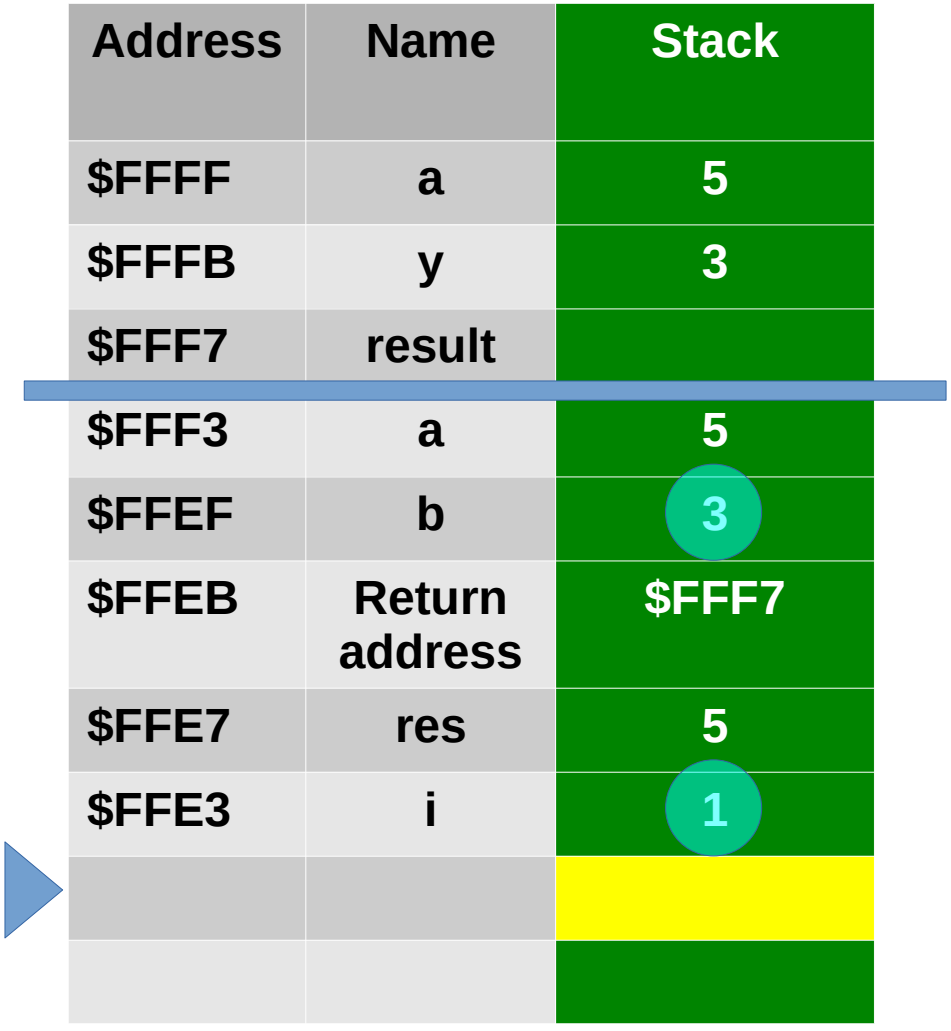

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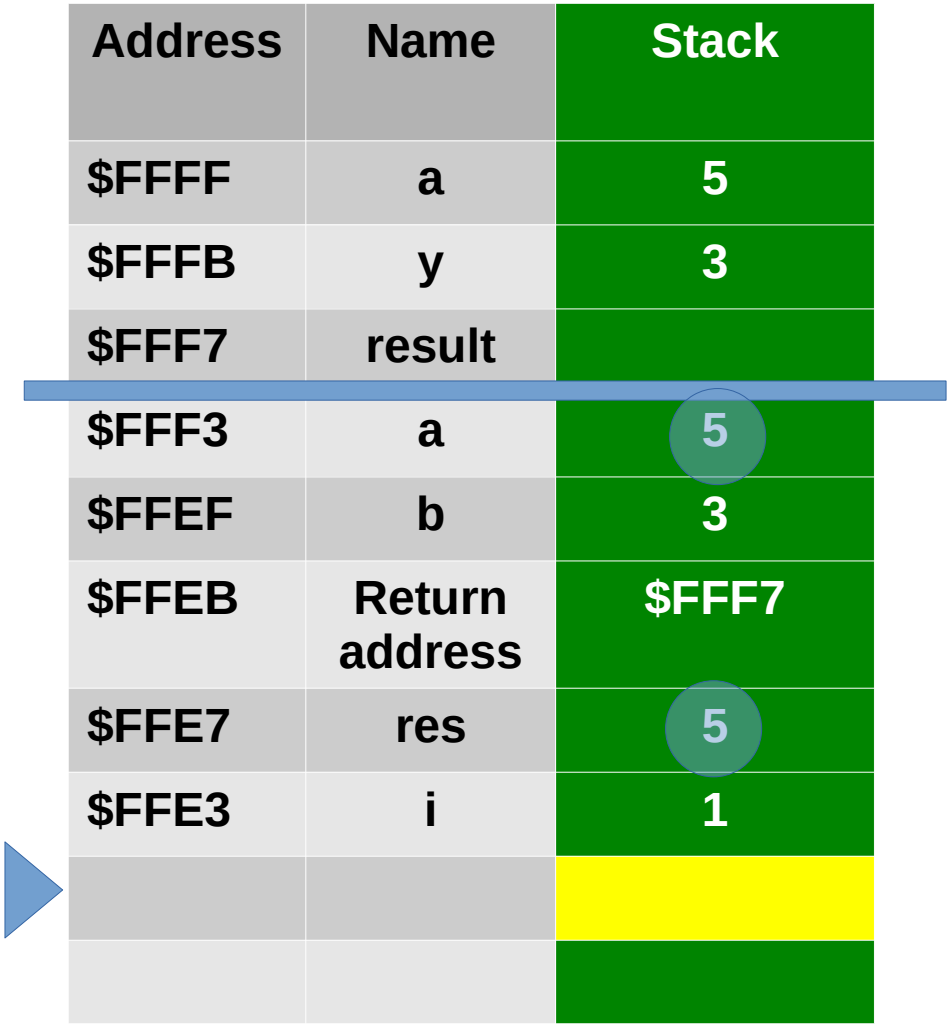

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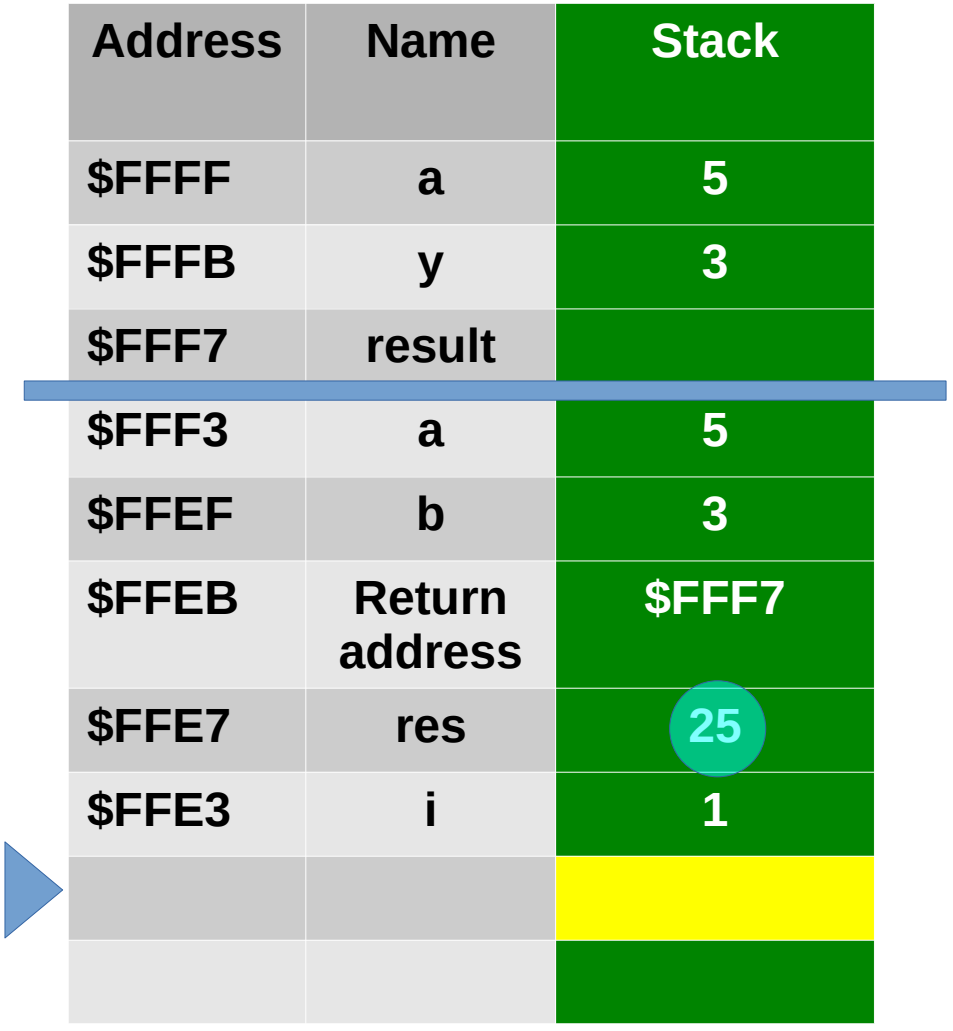

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Address	Name	Stack
$FFFF	a	5
$FFFB	y	3
$FFF7	result	
$FFF3	a	5
$FFEF	b	3
$FFEB	Return address	$FFF7
$FFE7	res	25
$FFE3	i	1

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Address	Name	Stack
$FFFF	a	5
$FFFB	y	3
$FFF7	result	
$FFF3	a	5
$FFEF	b	3
$FFEB	Return address	$FFF7
$FFE7	res	25
$FFE3	i	2

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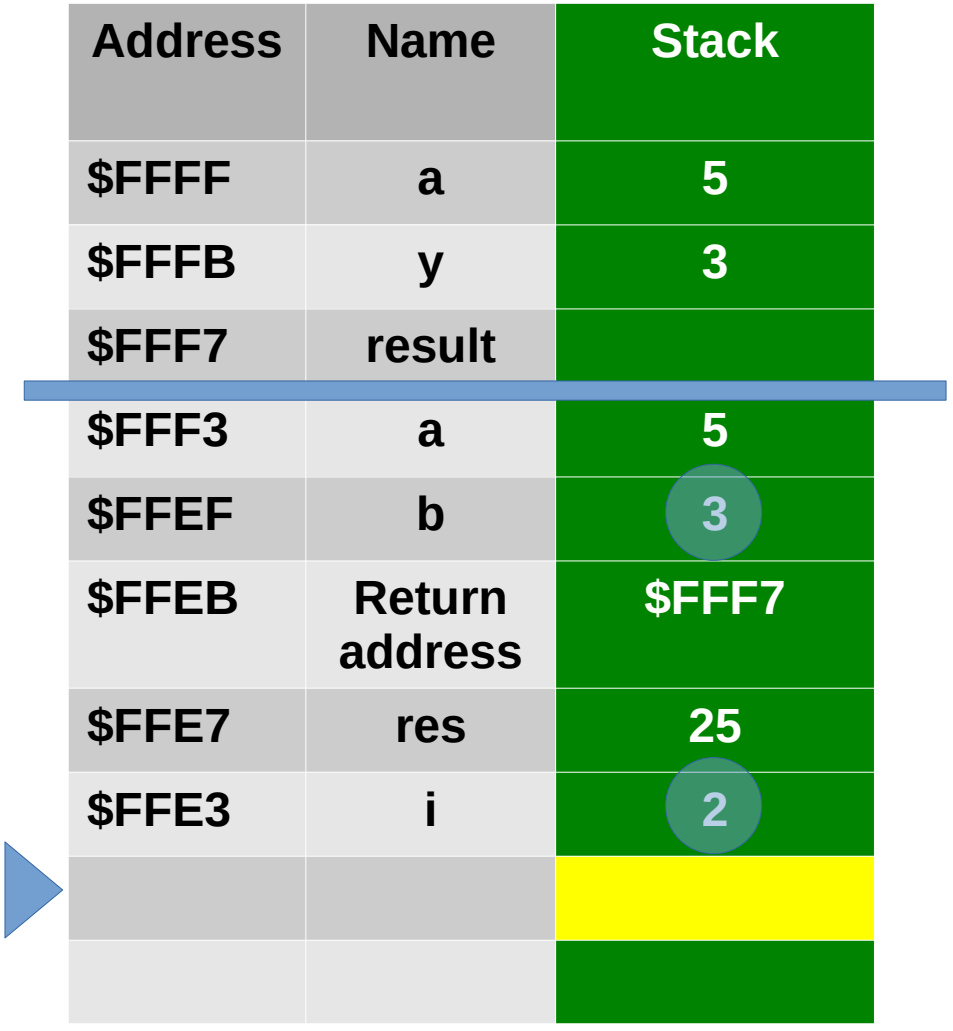

Address	Name	Stack
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$FFFB	y	3
$FFF7	result	
$FFF3	a	5
$FFEF	b	3
$FFEB	Return address	$FFF7
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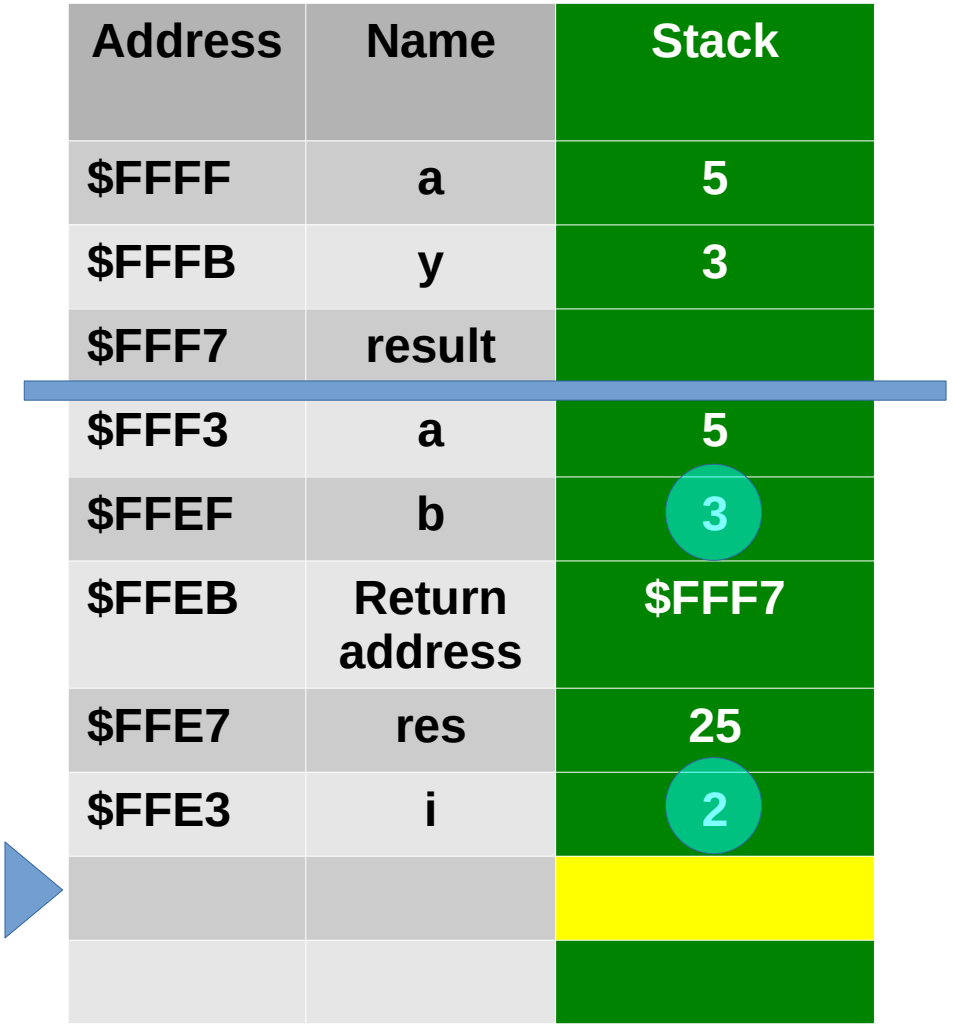

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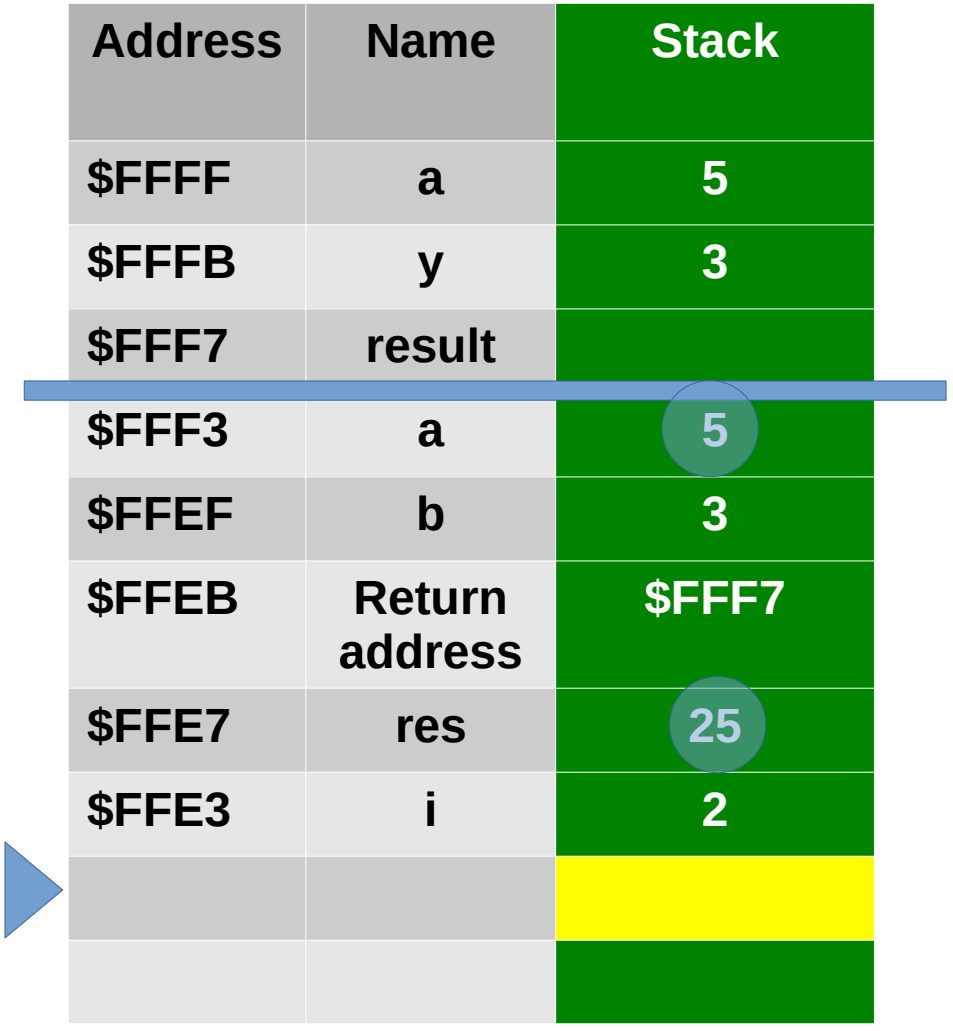

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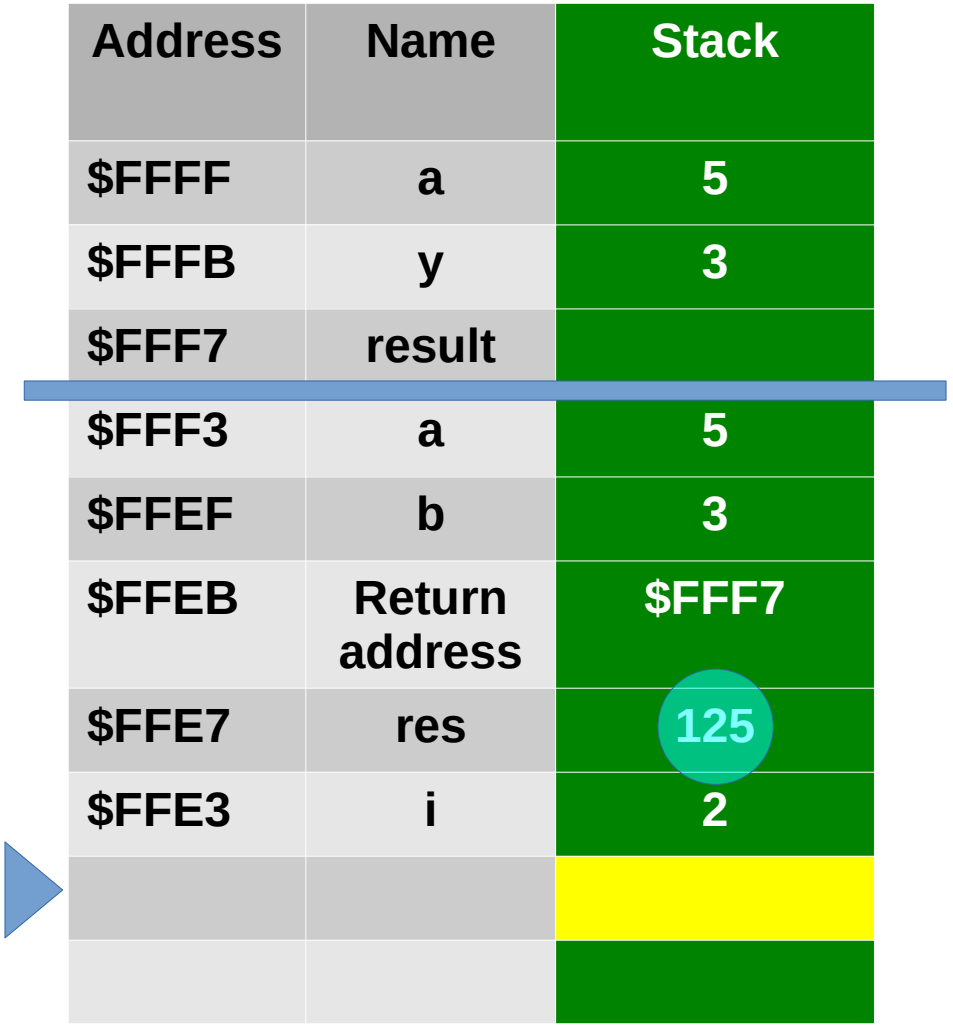

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$FFF7	result	
$FFF3	a	5
$FFEF	b	3
$FFEB	Return address	$FFF7
$FFE7	res	125
$FFE3	i	2

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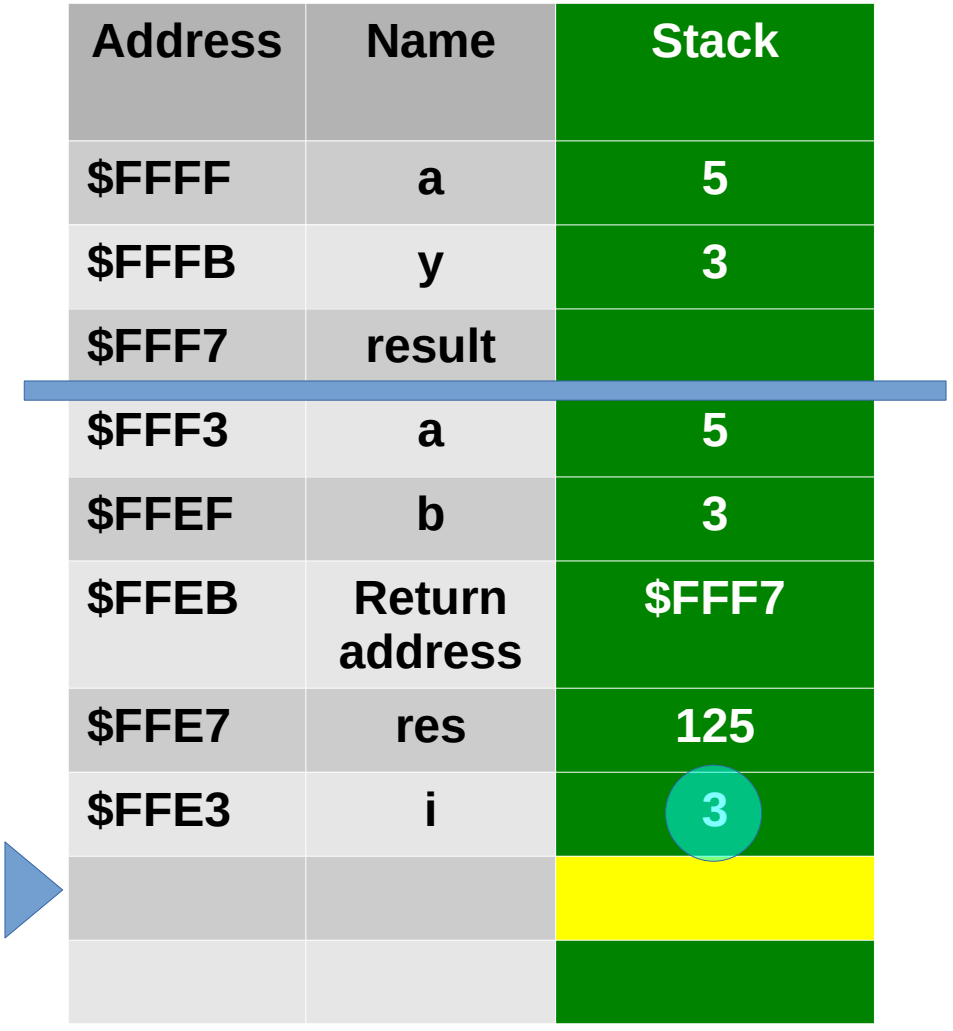

Address	Name	Stack
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$FFF7	result	
$FFF3	a	5
$FFEF	b	3
$FFEB	Return address	$FFF7
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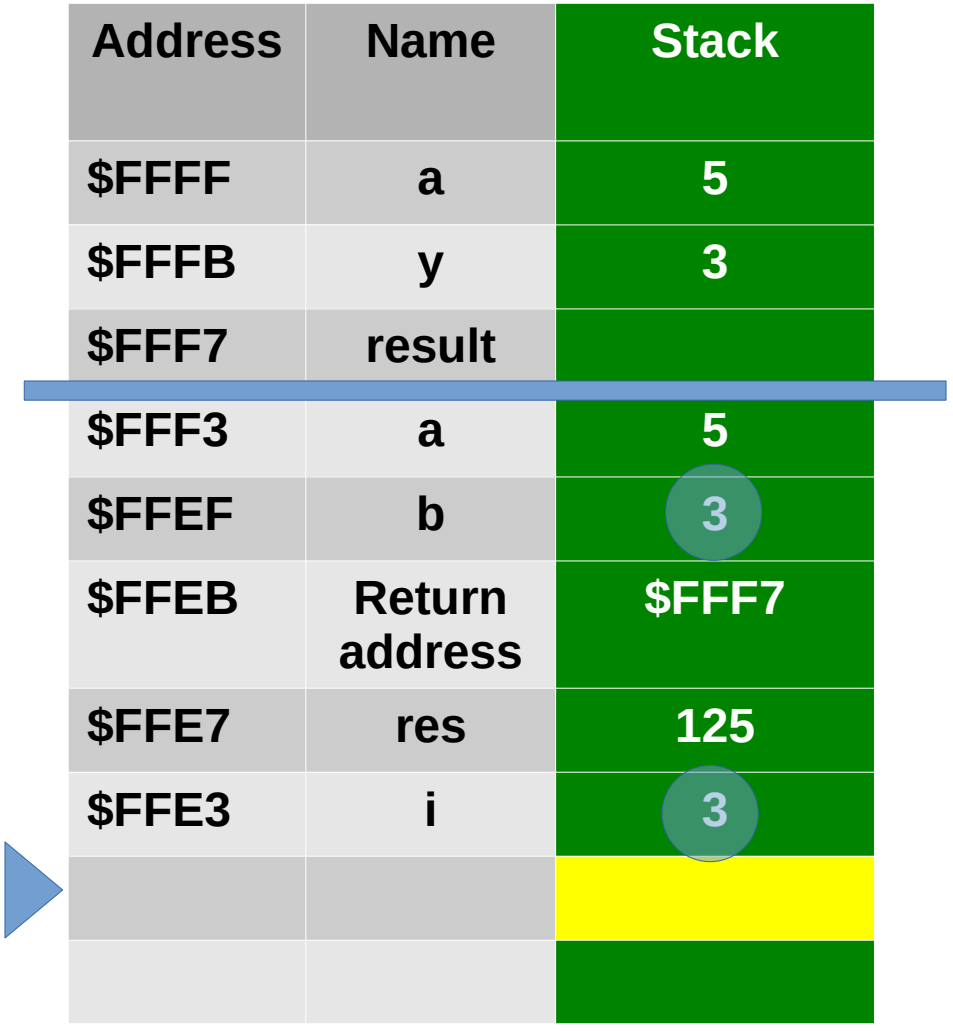

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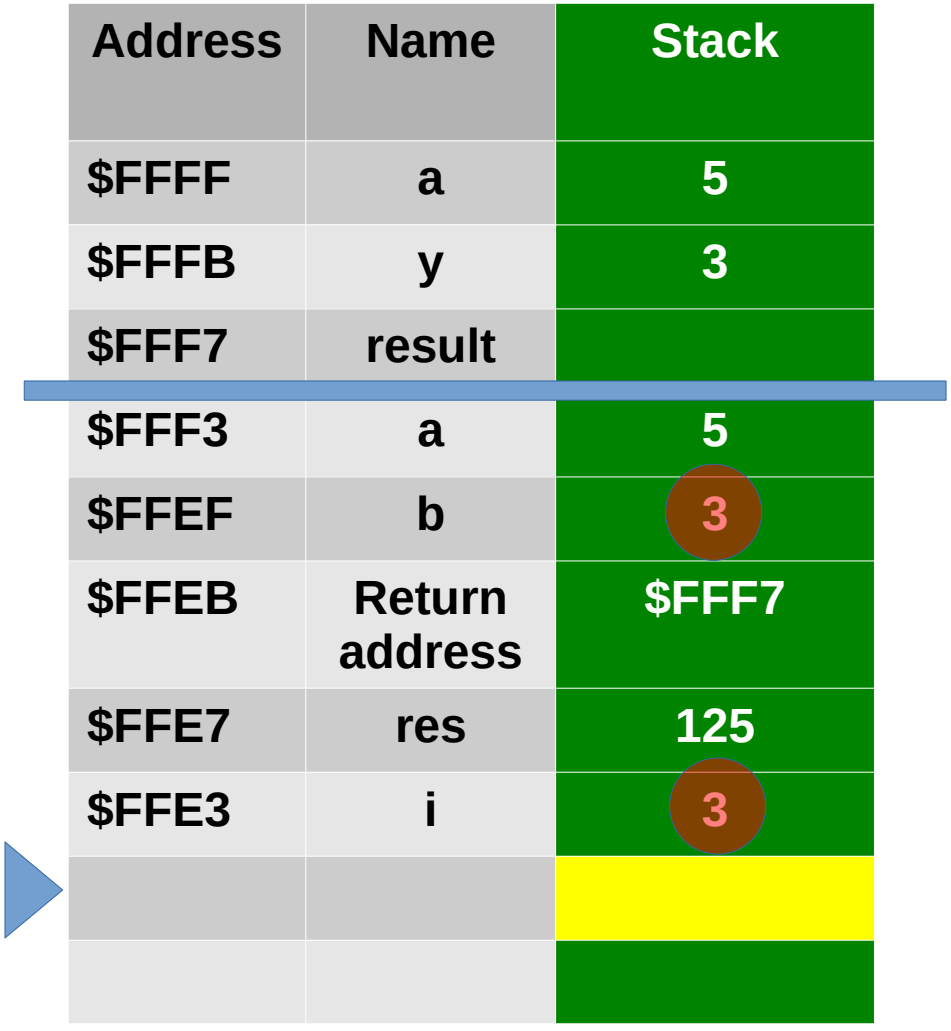

Address	Name	Stack
$FFFF	a	5
$FFFB	y	3
$FFF7	result	
$FFF3	a	5
$FFEF	b	3
$FFEB	Return address	$FFF7
$FFE7	res	125
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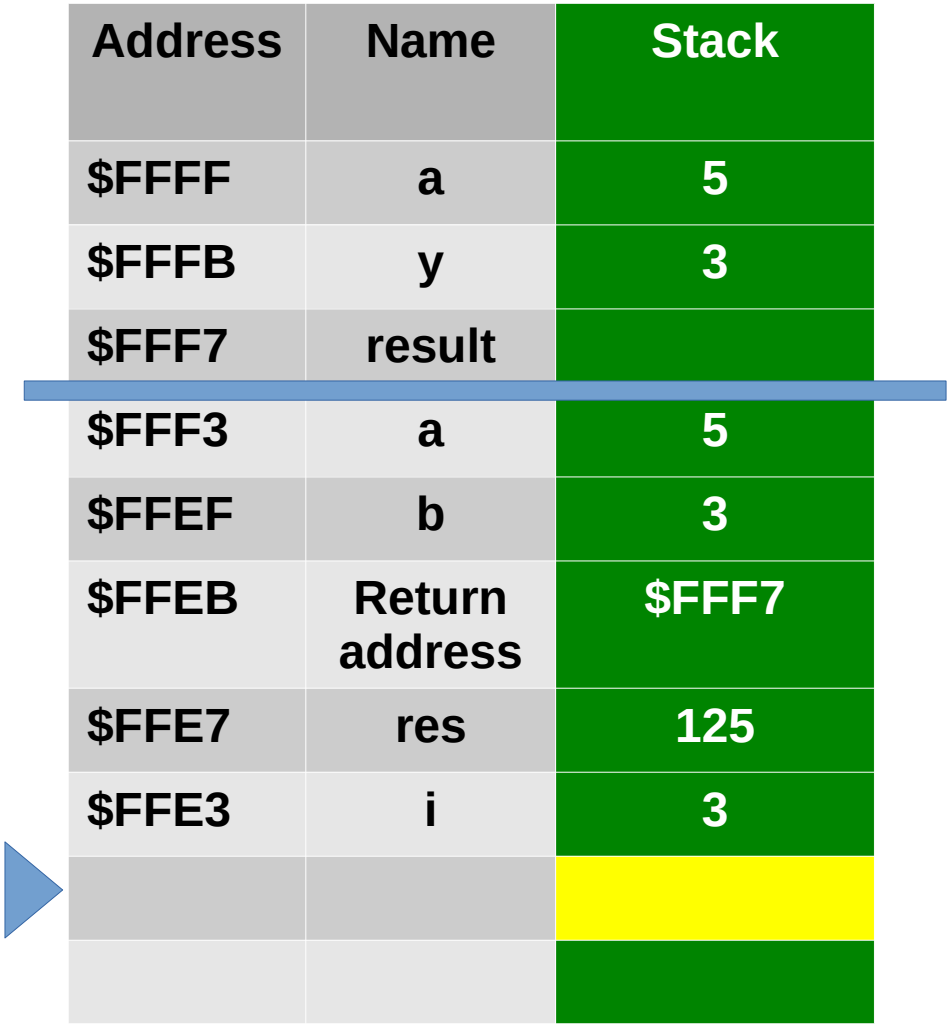

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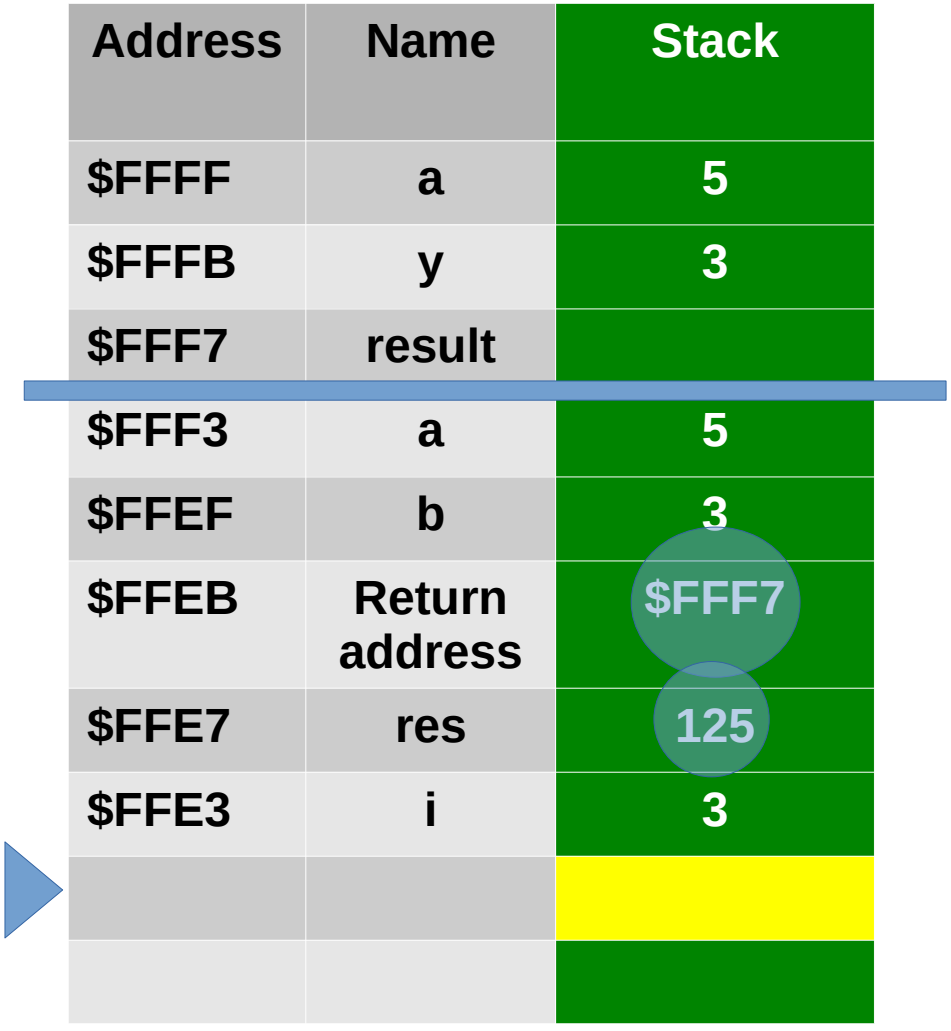

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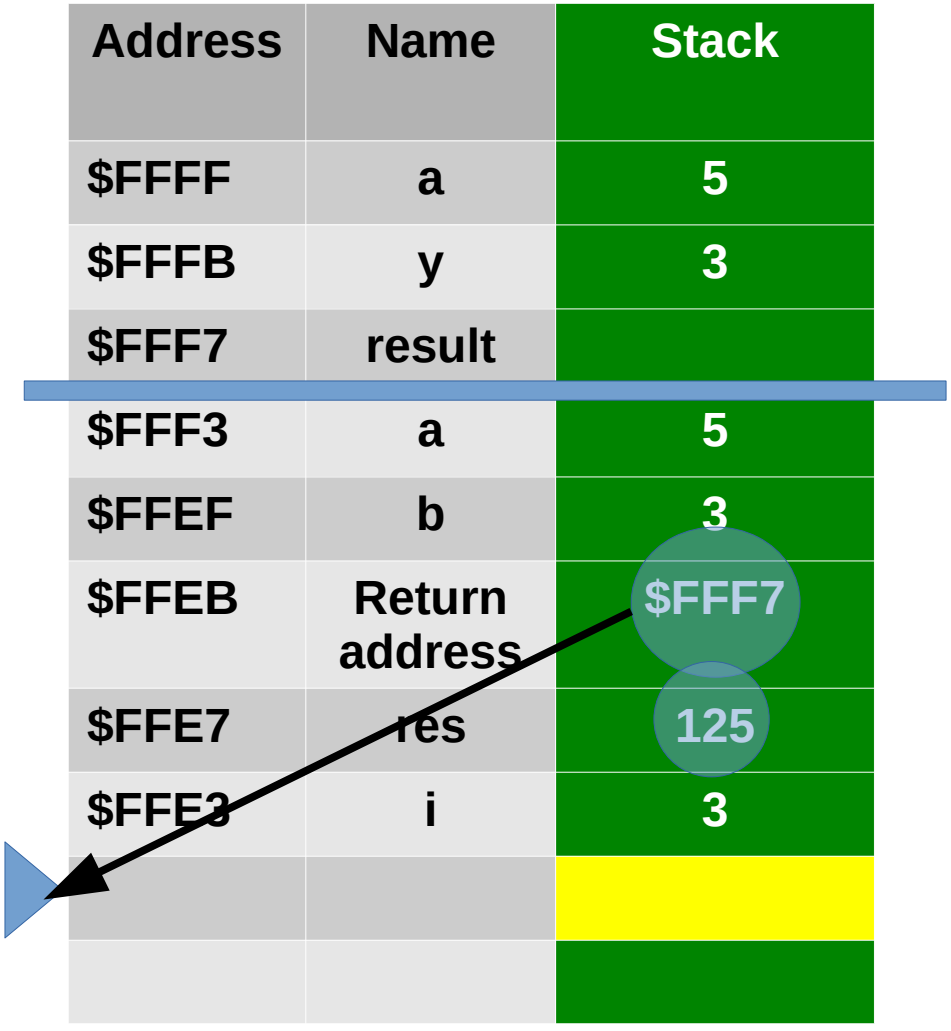

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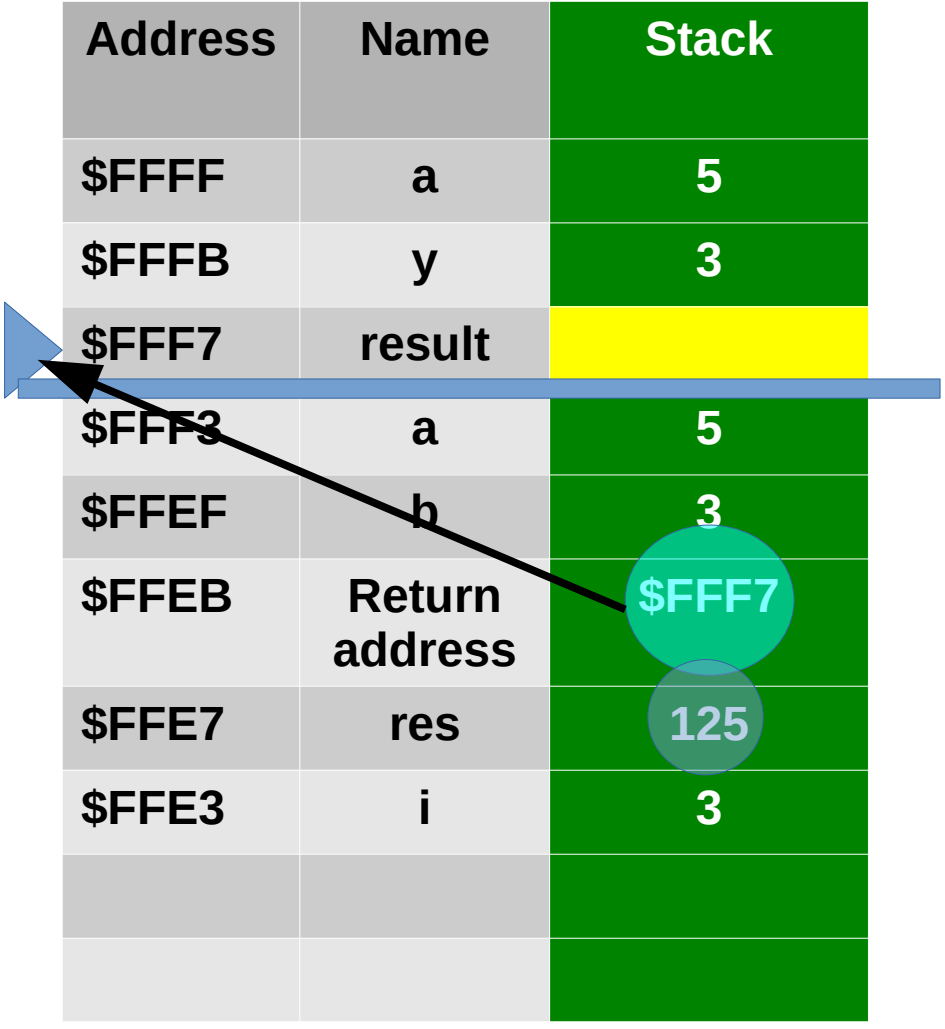

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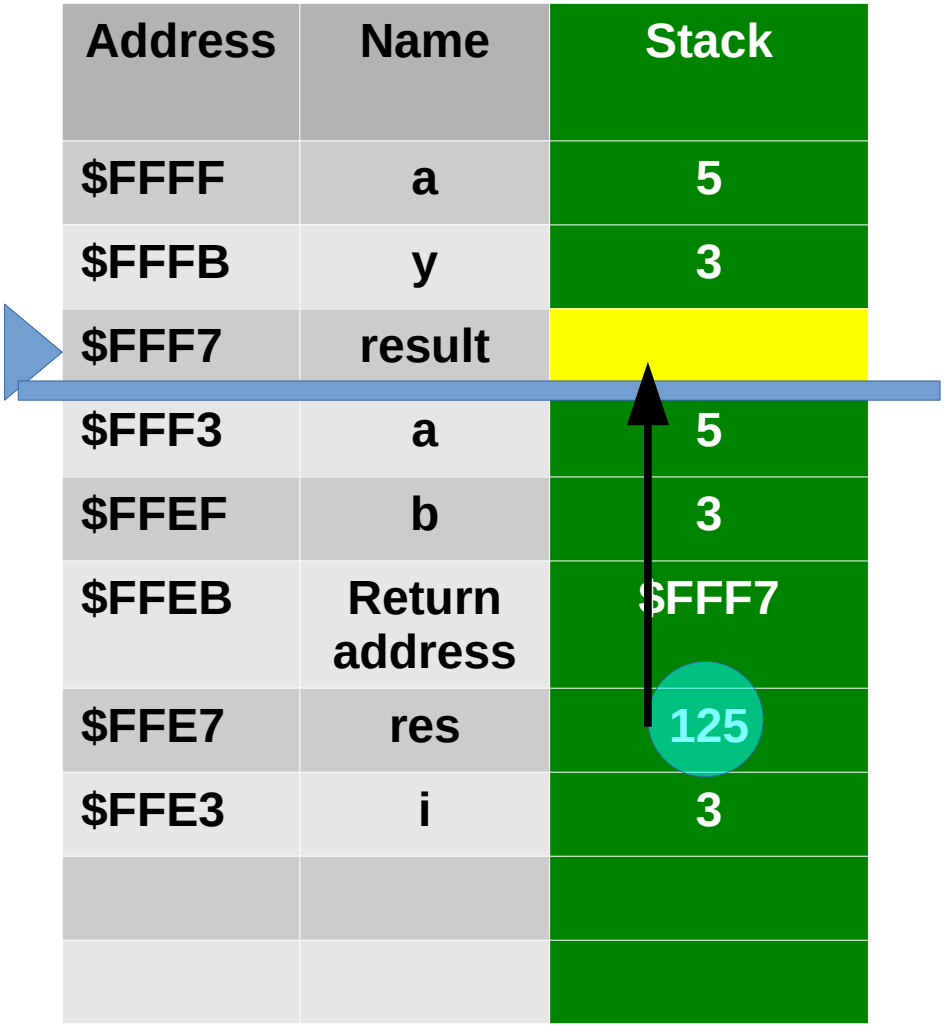

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