

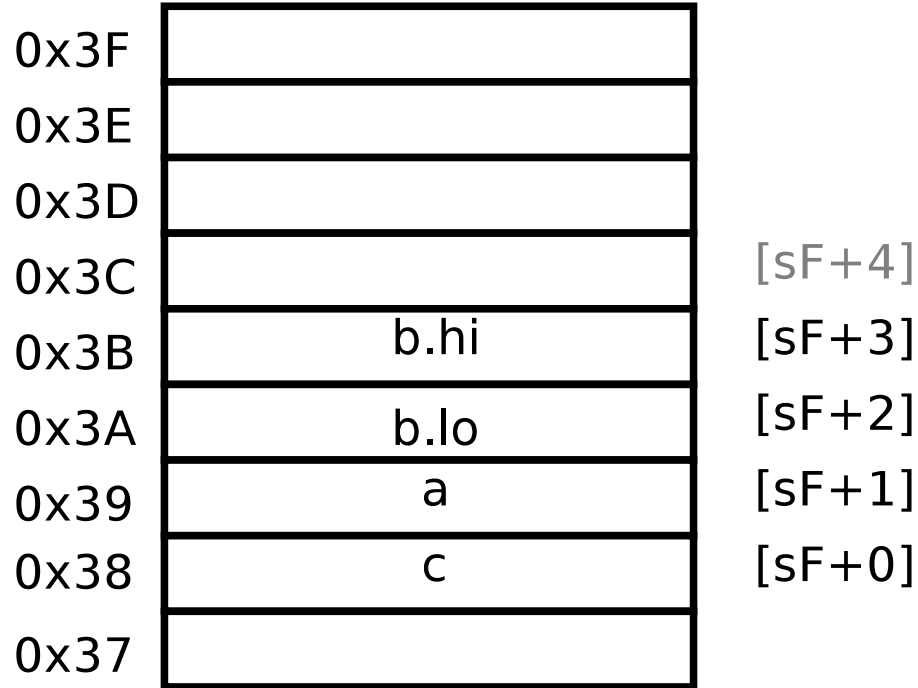
*In a hypothetical  
all-stack C-calling  
convention:*

```
void foo(char a, int b)
{ char c; ... }
```

**REGISTER FILE**  
(a part of)



**SCRATCHPAD**  
(a part of)



**Example operation:**

s1 := Stack[a]

**Orig. ISA:**

LOAD	sD,	sF
ADDN	sD,	1
FETCH	s1,	(sD)

**New ISA:**    FETCH s1, (sF), 1