



\vdash

Add



,



add r1, r2

load \rightarrow r1

load \rightarrow r2

add r1, r2

r2 \rightarrow store

y

z

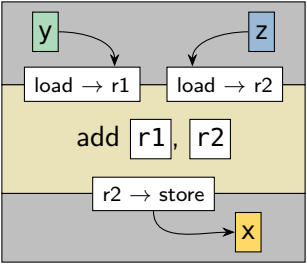
load \rightarrow r1

load \rightarrow r2

add r1, r2

r2 \rightarrow store

x



mov y, %eax

mov z, %ebx

add %eax, %ebx

mov %ebx, x

```
mov 8(%ebp), %eax  
mov -8(%ebp), %ebx
```

```
add %eax, %ebx
```

```
mov %ebx, -4(%ebp)
```