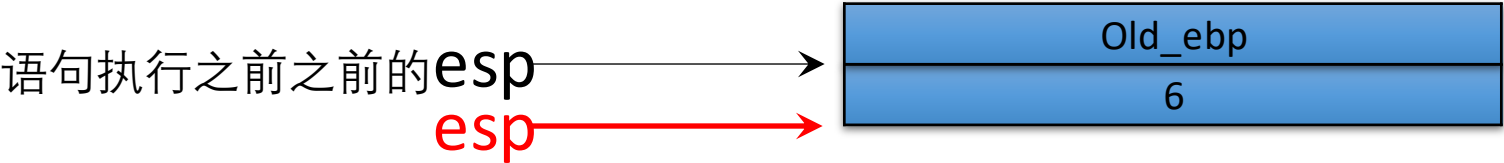


```
push ebp
mov ebp, esp
push 6
push 5
call AFunc
add esp, 8
```



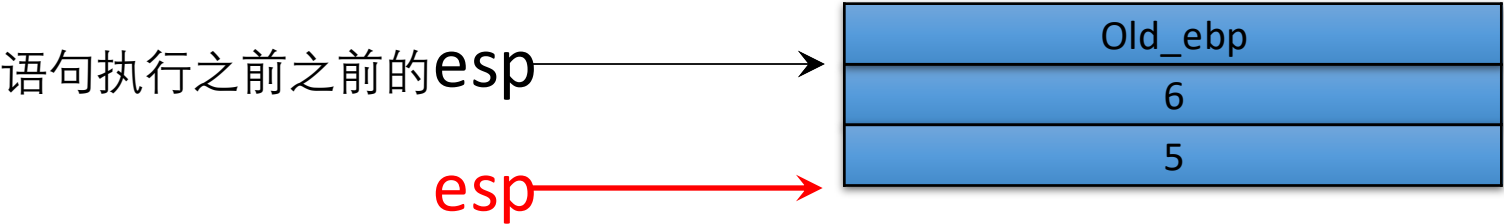
PS: 执行语句之前的EBP在此栈空间的更高处

```
push ebp
mov  ebp,esp
push 6
push 5
call AFunc
add  esp,8
```



栈底

```
push ebp
mov ebp,esp
push 6
push 5
call AFunc
add esp,8
```



栈底

```
push ebp
mov ebp,esp
push 6
push 5
call AFunc
add esp,8
```

语句执行之前之前的esp

esp



栈底

```
AFunc(5,6);
push 6
push 5
call AFunc
add esp,8
```

```
AFunc
push ebp
mov ebp,esp
sub esp,0x10
mov DWORD PTR [ebp-0x4],0x3
mov DWORD PTR [ebp-0x8],0x4
mov eax, DWORD PTR [ebp+0x8]
mov DWORD PTR [ebp-0x4],eax
mov eax,DWORD PTR [ebp+0xc]
mov DWORD PTR [ebp-0x8],eax
push DWORD PTR [ebp-0x8]
push DWORD PTR [ebp-0x4]
call _BFunc
add esp,0x8
mov eax,0x8
leave
ret
```

语句执行之前之前的esp

esp



栈底

```
AFunc(5,6);
push 6
push 5
call AFunc
add esp,8

AFunc
push ebp
mov ebp,esp
sub esp,0x10
mov DWORD PTR [ebp-0x4],0x3
mov DWORD PTR [ebp-0x8],0x4
mov eax, DWORD PTR [ebp+0x8]
mov DWORD PTR [ebp-0x4],eax
mov eax,DWORD PTR [ebp+0xc]
mov DWORD PTR [ebp-0x8],eax
push DWORD PTR [ebp-0x8]
push DWORD PTR [ebp-0x4]
call _BFunc
add esp,0x8
mov eax,0x8
leave
ret
```

语句执行之前之前的esp

esp



栈底

当前ebp

```
AFunc(5,6);
push 6
push 5
call AFunc
add esp,8
```

```
AFunc
push ebp
mov ebp,esp
```

```
sub esp,0x10
```

```
mov DWORD PTR [ebp-0x4],0x3
mov DWORD PTR [ebp-0x8],0x4
mov eax, DWORD PTR [ebp+0x8]
mov DWORD PTR [ebp-0x4],eax
mov eax,DWORD PTR [ebp+0xc]
mov DWORD PTR [ebp-0x8],eax
push DWORD PTR [ebp-0x8]
push DWORD PTR [ebp-0x4]
call _BFunc
add esp,0x8
mov eax,0x8
leave
ret
```

语句执行之前之前的esp

esp



栈底

当前ebp

```
AFunc(5,6);
push 6
push 5
call AFunc
add esp,8
```

```
AFunc
push ebp
mov ebp,esp
sub esp,0x10
```

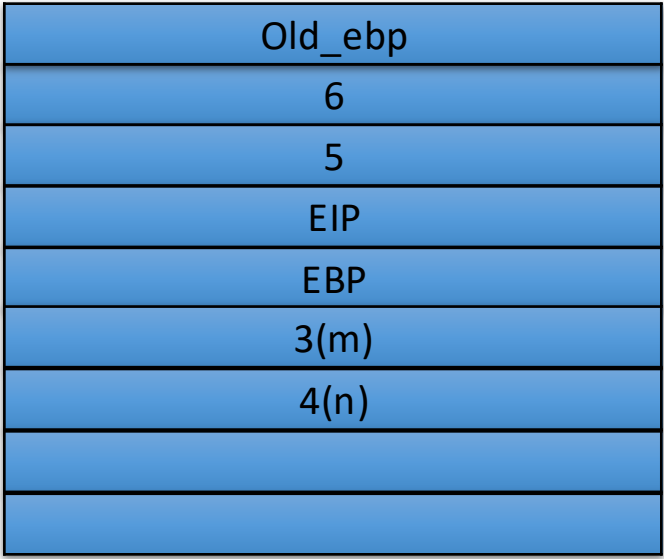
```
mov DWORD PTR [ebp-0x4],0x3
mov DWORD PTR [ebp-0x8],0x4
```

```
mov eax, DWORD PTR [ebp+0x8]
mov DWORD PTR [ebp-0x4],eax
mov eax,DWORD PTR [ebp+0xc]
mov DWORD PTR [ebp-0x8],eax
push DWORD PTR [ebp-0x8]
push DWORD PTR [ebp-0x4]
call _BFunc
add esp,0x8
mov eax,0x8
leave
ret
```

语句执行之前之前的esp

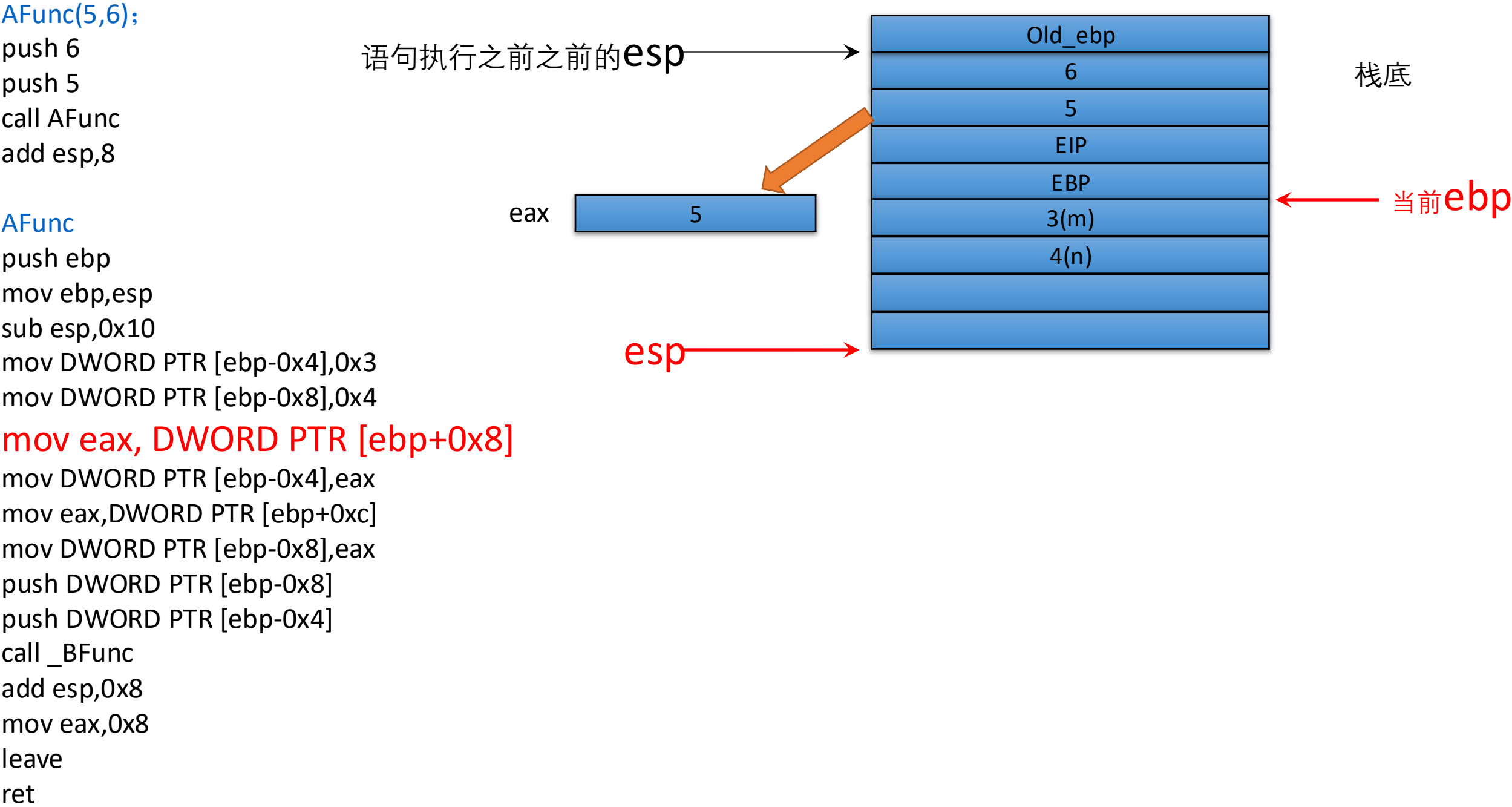


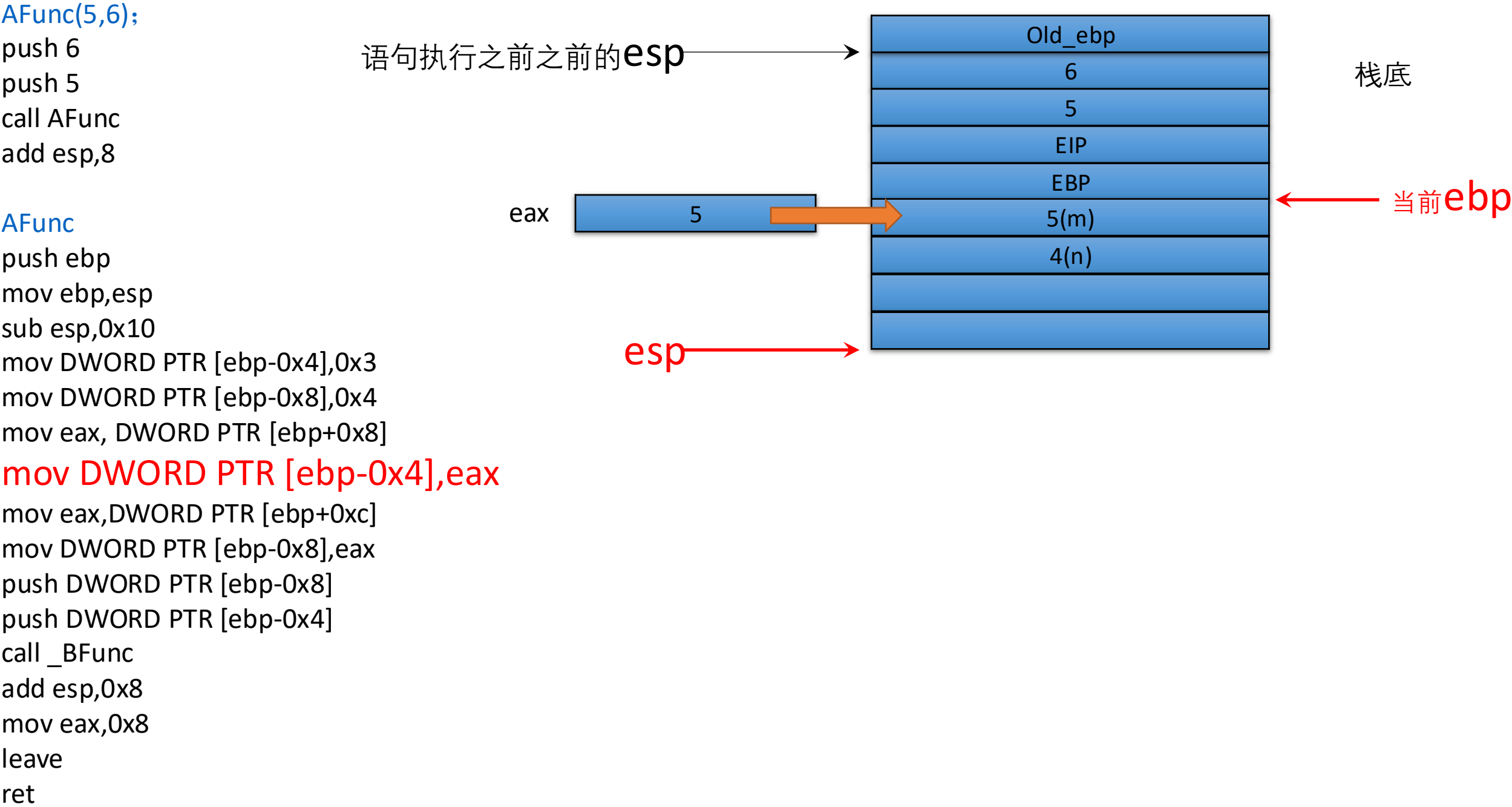
esp



栈底

当前ebp



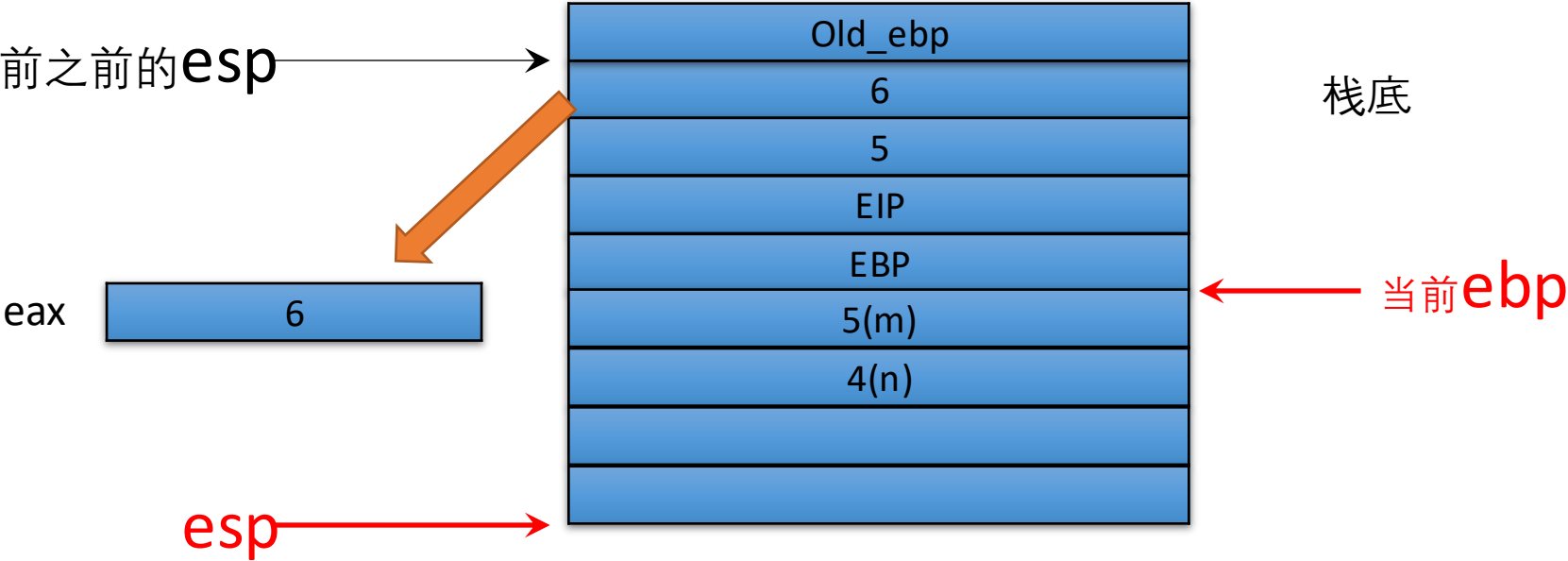


```
AFunc(5,6);
push 6
push 5
call AFunc
add esp,8
```

```
AFunc
push ebp
mov ebp,esp
sub esp,0x10
mov DWORD PTR [ebp-0x4],0x3
mov DWORD PTR [ebp-0x8],0x4
mov eax, DWORD PTR [ebp+0x8]
mov DWORD PTR [ebp-0x4],eax
```

```
mov eax,DWORD PTR [ebp+0xc]
mov DWORD PTR [ebp-0x8],eax
push DWORD PTR [ebp-0x8]
push DWORD PTR [ebp-0x4]
call _BFunc
add esp,0x8
mov eax,0x8
leave
ret
```

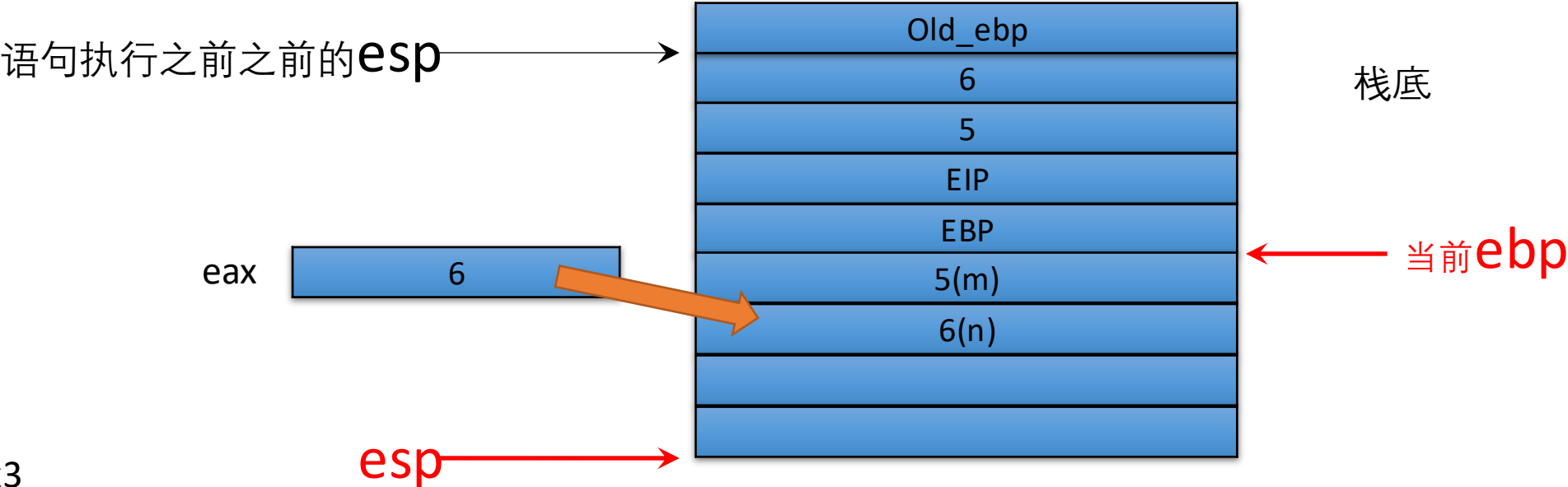
语句执行之前之前的esp



```
AFunc(5,6);
push 6
push 5
call AFunc
add esp,8
```

```
AFunc
push ebp
mov ebp,esp
sub esp,0x10
mov DWORD PTR [ebp-0x4],0x3
mov DWORD PTR [ebp-0x8],0x4
mov eax, DWORD PTR [ebp+0x8]
mov DWORD PTR [ebp-0x4],eax
mov eax,DWORD PTR [ebp+0xc]
```

```
mov DWORD PTR [ebp-0x8],eax
push DWORD PTR [ebp-0x8]
push DWORD PTR [ebp-0x4]
call _BFunc
add esp,0x8
mov eax,0x8
leave
ret
```



```
AFunc(5,6);
push 6
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add esp,8
```

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AFunc
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mov DWORD PTR [ebp-0x4],0x3
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mov eax, DWORD PTR [ebp+0x8]
mov DWORD PTR [ebp-0x4],eax
mov eax,DWORD PTR [ebp+0xc]
mov DWORD PTR [ebp-0x8],eax
push DWORD PTR [ebp-0x8]
push DWORD PTR [ebp-0x4]
call _BFunc
add esp,0x8
mov eax,0x8
leave
ret
```

语句执行之前之前的esp

eax



esp



栈底

当前ebp

```
AFunc(5,6);
push 6
push 5
call AFunc
add esp,8
```

```
AFunc
push ebp
mov ebp,esp
sub esp,0x10
mov DWORD PTR [ebp-0x4],0x3
mov DWORD PTR [ebp-0x8],0x4
mov eax, DWORD PTR [ebp+0x8]
mov DWORD PTR [ebp-0x4],eax
mov eax,DWORD PTR [ebp+0xc]
mov DWORD PTR [ebp-0x8],eax
push DWORD PTR [ebp-0x8]
push DWORD PTR [ebp-0x4]
call _BFunc
add esp,0x8
mov eax,0x8
leave
ret
```

语句执行之前之前的esp

eax



esp



栈底

当前ebp

```
AFunc(5,6);
push 6
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call AFunc
add esp,8
```

```
AFunc
push ebp
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mov DWORD PTR [ebp-0x8],0x4
mov eax, DWORD PTR [ebp+0x8]
mov DWORD PTR [ebp-0x4],eax
mov eax,DWORD PTR [ebp+0xc]
mov DWORD PTR [ebp-0x8],eax
push DWORD PTR [ebp-0x8]
push DWORD PTR [ebp-0x4]
call _BFunc
add esp,0x8
mov eax,0x8
leave
ret
```

语句执行之前之前的esp

esp

eax



栈底

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AFunc(5,6);
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call AFunc
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AFunc
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mov DWORD PTR [ebp-0x4],0x3
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mov eax, DWORD PTR [ebp+0x8]
mov DWORD PTR [ebp-0x4],eax
mov eax,DWORD PTR [ebp+0xc]
mov DWORD PTR [ebp-0x8],eax
push DWORD PTR [ebp-0x8]
push DWORD PTR [ebp-0x4]
call _BFunc
add esp,0x8
mov eax,0x8
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ret
```

语句执行之前之前的esp

esp



栈底


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AFunc
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mov DWORD PTR [ebp-0x8],0x4
mov eax, DWORD PTR [ebp+0x8]
mov DWORD PTR [ebp-0x4],eax
mov eax,DWORD PTR [ebp+0xc]
mov DWORD PTR [ebp-0x8],eax
push DWORD PTR [ebp-0x8]
push DWORD PTR [ebp-0x4]
call _BFunc
add esp,0x8
mov eax,0x8
leave
ret
```



栈底