

size definition unnecessary double quotes

```
char myString[] = "Hello";
```

myString

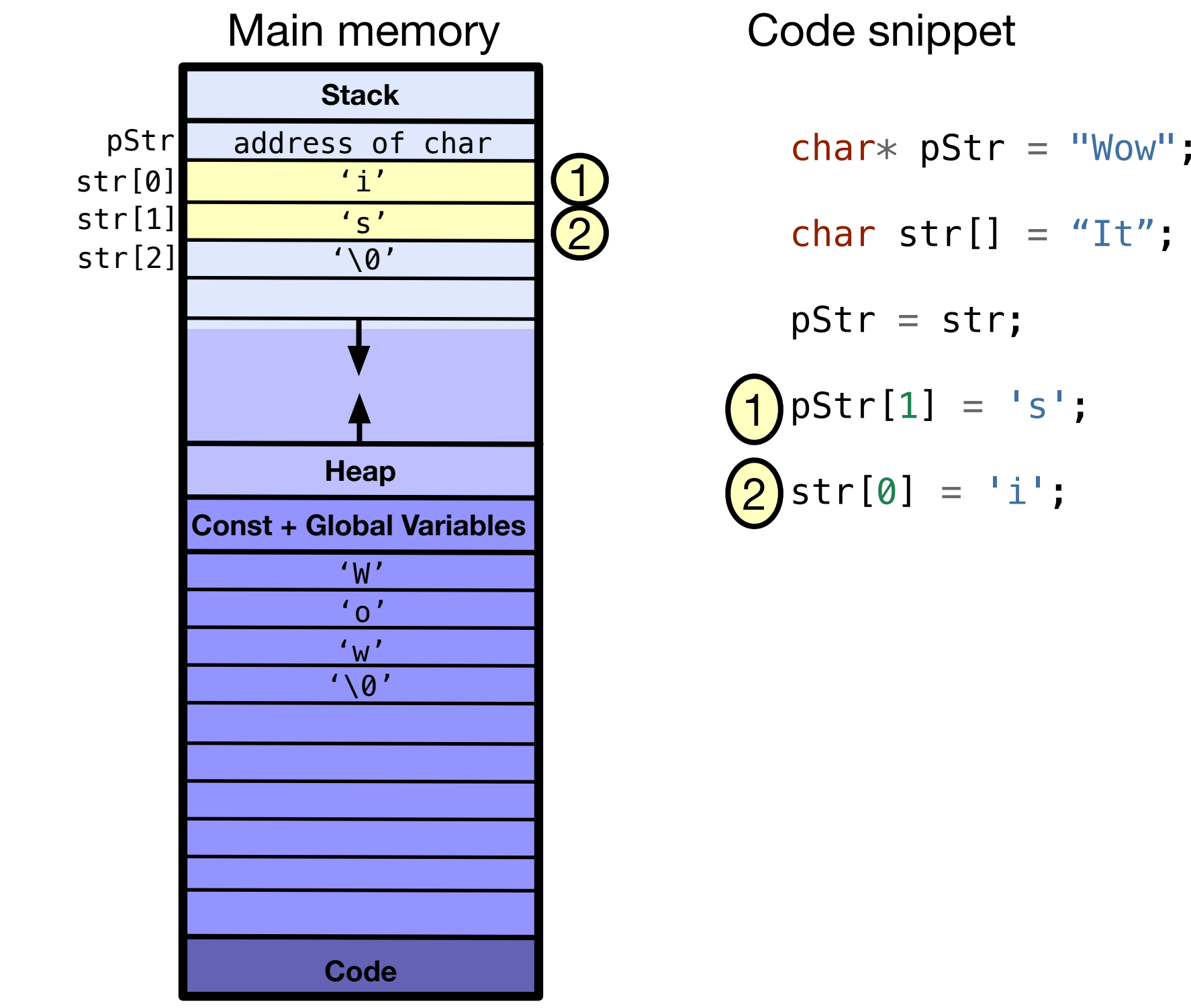
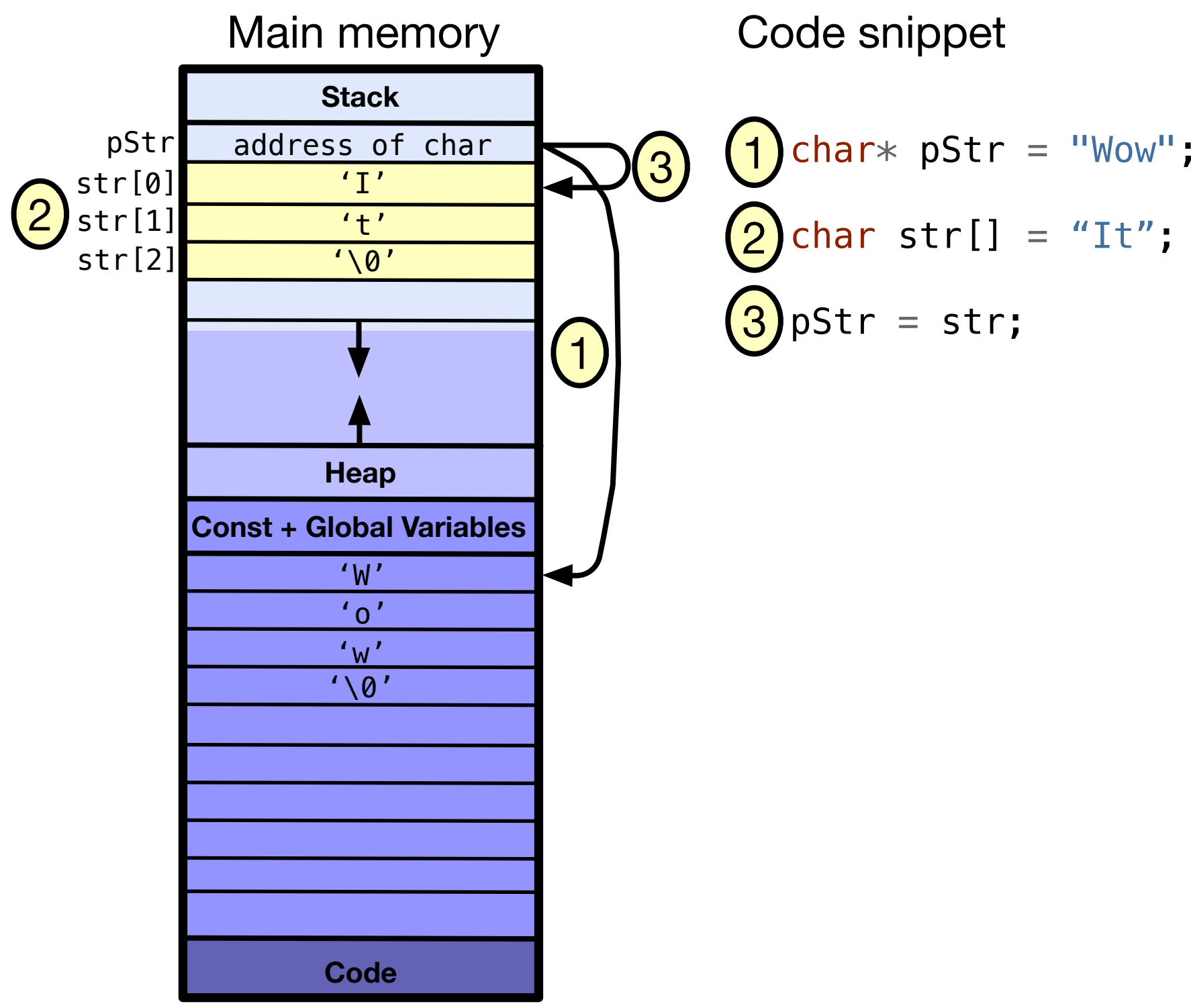
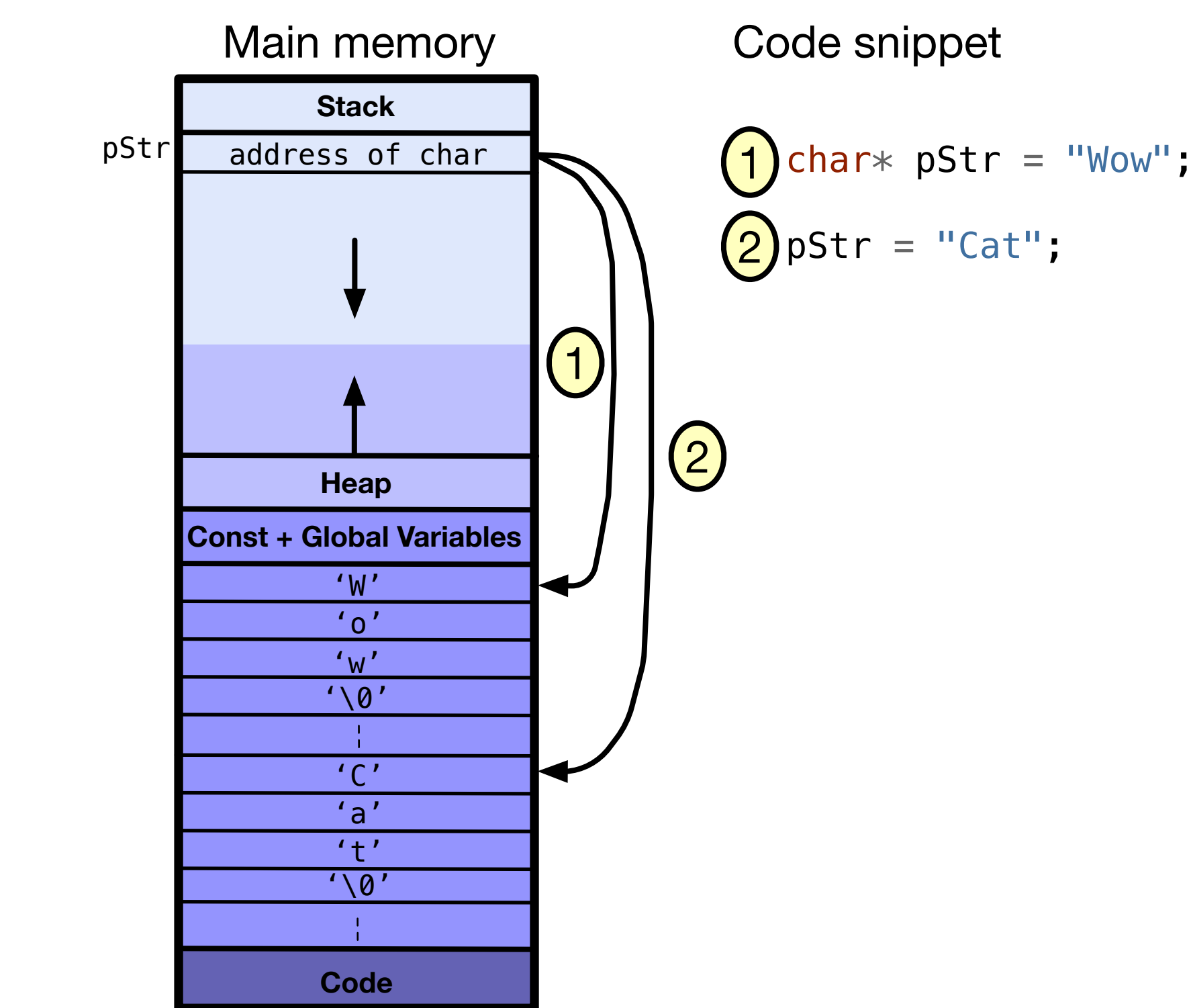
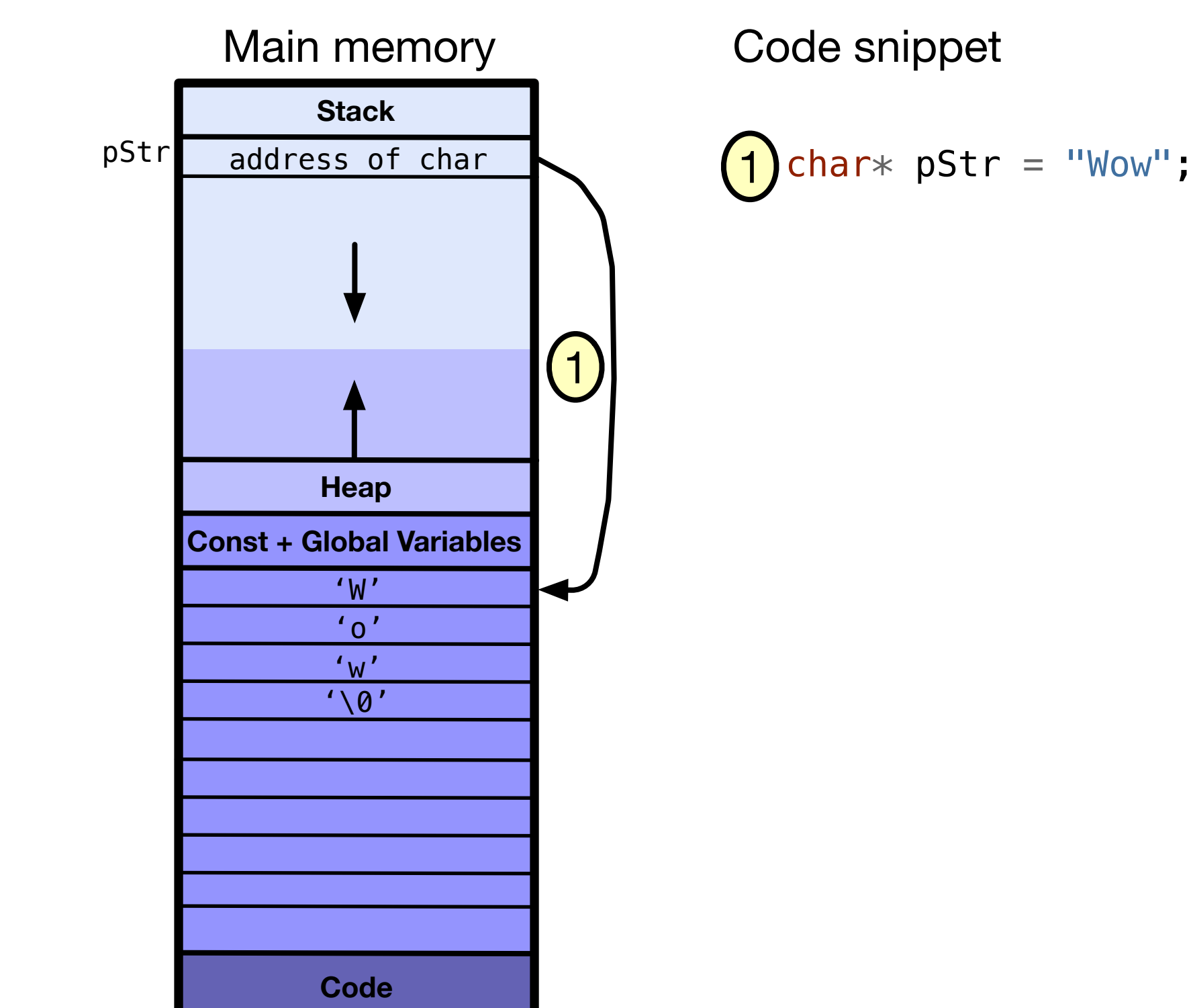
'H'	'e'	'l'	'l'	'o'	'\0'
-----	-----	-----	-----	-----	------

myString

'H'	'e'	'l'	'l'	'o'	'\0'	'\0'	'\0'
-----	-----	-----	-----	-----	------	------	------

myString

'h'	'e'	'l'	'l'	'o'	'\0'
-----	-----	-----	-----	-----	------



```
char str[] = "Hello";  
printf("%s\n", str);
```

prints characters from str[0] to the character before '\0'

%s: format specifier for strings, and it requires a pointer to the first charcater in the string.

str is the array identifier, and a pointer to the first character in the string

```
char st[10];  
scanf("%s", st);
```

Why not &st?
st is the array identifier and also a pointer to the first element in the array. Hence, st is already an address.

```
#include <stdio.h>
```

```
int main(void) {
```

```
char st[10];
```

```
printf("Enter a string: \n");  
scanf("%s", st);
```

```
printf("s is saved as: %s\n", st);  
scanf("%s", st);
```

```
printf("s is now saved as: %s\n", st);  
return 0;  
}
```

st

--	--	--	--	--	--	--	--	--

st

'A'	'B'	'C'	'D'	'\0'				
-----	-----	-----	-----	------	--	--	--	--

st

'f'	'f'	'\0'	'D'	'\0'				
-----	-----	------	-----	------	--	--	--	--