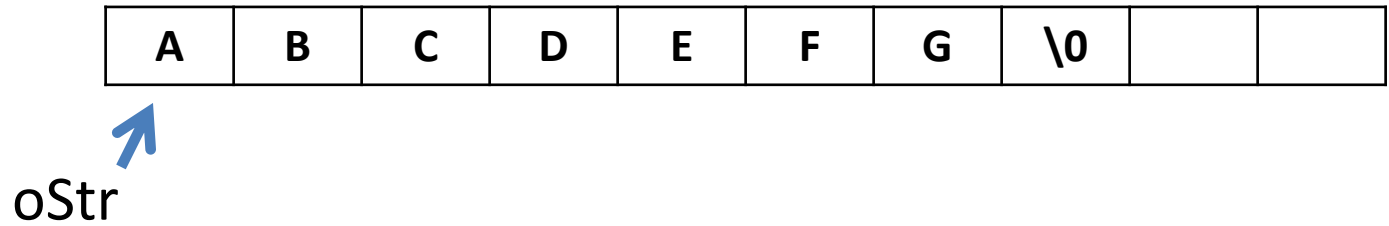


The OLD “C” string implementation, with “sentinel” \0

```
char oStr[10] = “ABCDEFGG”;
```



The NEW “C++” string “object” implementation

```
string nStr = “ABCDEFGG”;
```

nStr

An “object” with various “member data” and “member functions”. Has a pointer in it to the actual array of characters, which is located elsewhere (and has no \0 at end)



Old strings use
helper functions,
such as:

```
intVal = strlen(os);
```

```
strcpy_s(toS, fromS);
```

```
strcat_s(toS, fromS);
```

```
If (strcmp(toS, fromS))
```

New strings use
member functions and
operators such as:

```
intVal = ns.length();
```

```
toS = fromS;
```

```
toS += fromS;
```

```
if (toS == fromS)
```