std::size() [C++17]

```cpp
int scores[] {10,12,15,11,18,17,22,23,24};

//Can get the size with std::size
std::cout << "scores size : " << std::size(scores) << std::endl;

//Print data out
for( size_t i{0} ; i < std::size(scores) ; ++i){
    std::cout << "scores[" << i << "] : " << scores[i] << std::endl;
}
```

Array size with sizeof

```cpp
std::cout << "size of scores : " << sizeof(scores) << std::endl;
std::cout << "size of scores[0] : " << sizeof(scores[0]) << std::endl;
std::cout << "score item count : " << (sizeof(scores)/ sizeof(scores[0])) << std::endl;

size_t count {sizeof(scores)/ sizeof(scores[0])};

std::cout << "Printing out array items : " << std::endl;
for( size_t i{0} ; i < count ; ++i){
    std::cout << "scores[" << i << "] : " << scores[i] << std::endl;
}
```

Looping through an array

```cpp
int scores[] {10,12,15,11,18,17,22,23,24};

std::cout << "Using plain old range based for loop " << std::endl;

for ( auto score : scores){
    std::cout << "score : " << score << std::endl;
}
```