

**\*Task 1: Declare and Initialize an Array\***

...

```
#include <iostream>
```

```
int main() {
```

```
    int myArray[5] = {1, 2, 3, 4, 5};
```

```
    return 0;
```

```
}
```

...

**\*Task 2: Declare and Initialize a two-dimensional Array\***

...

```
#include <iostream>
```

```
int main() {
```

```
    int my2DArray[3][4] = {
```

```
        {1, 2, 3, 4},
```

```
        {5, 6, 7, 8},
```

```
        {9, 10, 11, 12}
```

```
    };
```

```
    return 0;
```

```
}
```

...

**\*Task 3: Transverse an Array\***



...

```
#include <iostream>
```

```
int main() {
```

```
    int myArray[5] = {1, 2, 3, 4, 5};
```

```
    for (int i = 0; i < 5; i++) {
```

```
        std::cout << myArray[i] << std::endl;
```

```
    }
```

```
    return 0;
```

```
}
```

...

**\*Task 4: Concatenate a String of Array\***

...

```
#include <iostream>
```

```
#include <string>
```

```
std::string concatenateArray(int arr[], int size) {
```

```
    std::string result = "";
```

```
    for (int i = 0; i < size; i++) {
```

```
        result += std::to_string(arr[i]) + " ";
```

```
    }
```

```
    return result;
```

```
}
```



```
int main() {  
    int myArray[5] = {1, 2, 3, 4, 5};  
    std::string concatenatedString = concatenateArray(myArray, 5);  
    std::cout << concatenatedString << std::endl;  
    return 0;  
}  
...
```

