

Solution Review 1: Declare an Array

This lesson gives a detailed solution review of the challenge in the previous lesson.

We'll cover the following

- Solution:
- Explanation

Solution:

```
fn test() {  
  // define an array  
  let arr:[i32;6] = [0, 2, 4, 6, 8, 10];  
  // print the values of array  
  print!("{}",{}, {}, {}, {}, {}, {}, {}, {}, {}, {}, {}, {}  
}
```



Explanation

- On **line 3**, an **array** **arr** of type **i32** and size **6** is defined with values 0, 2, 4, 6, 8, 10.
- On **line 5**, print the value of the **arr** elements using the subscript notation **[]** using placeholder **{}** for each value within the **print!()** macro.

```
fn test() {  
  let arr:[i32;6] = [0,2,4,6,8,10];  
  print!("{}", {}, {}, {}, {}, {}, {}, {}, {}, {}, {}, {}  
}
```

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```
fn test() {  
  let arr:[i32;6] = [0,2,4,6,8,10];  
  print!("{}", {}, {}, {}, {}, {}, {}, {}, {}, {}, {}, {}  
}
```

| | | | | | |
|---|---|---|---|---|----|
| 0 | 2 | 4 | 6 | 8 | 10 |
| 0 | 1 | 2 | 3 | 4 | 5 |

```
fn test(){  
    let arr:[i32;6] = [0,2,4,6,8,10];  
    print!("{}",{} ,{} ,{} ,{} ,{} ,{}",arr[0], arr[1], arr[2], arr[3], arr[4], arr[5]);  
}
```

| | | | | | |
|---|---|---|---|---|----|
| 0 | 2 | 4 | 6 | 8 | 10 |
| 0 | 1 | 2 | 3 | 4 | 5 |

Output:

0,2,4,6,8,10

```
fn test(){  
    let arr:[i32;6] = [0,2,4,6,8,10];  
    print!("{}",{} ,{} ,{} ,{} ,{} ,{}",arr[0], arr[1], arr[2], arr[3], arr[4], arr[5]);  
} end of program code
```

Output:

0,2,4,6,8,10