

# HOF  $\Rightarrow$  Higher order Function

callback : Function is calling a function

\* HOF : Take other function as a parameter or return a function or value. The function passed as a parameter is called callback.

Example

```
* Function a () {  
  console.log ("Hi");
```

```
}
```

```
function b () {
```

```
  a();
```

```
}
```

```
b();
```

```
* const callback = (n)  $\Rightarrow$  {
```

```
  return n * 2
```

```
};
```

```
function cube (callback, n)
```

```
  return callback(n) * n;
```

```
}
```

```
console.log (cube (callback, 2));
```

Output : 8

#For Each

```
const arr = ["hey", "hi", "hello", "Namaste"];
```

```
arr.forEach(myFunc);
```

```
function myFunc(val) {
```

```
  console.log(val);
```

```
}
```