

JS (Part 4)

Practice Solutions

Ans 1

```
let arr = [1, 2, 3, 4, 5, 6, 2, 3];
let num = 2;

for(let i=0; i<arr.length; i++) {
    if(arr[i] == num) {
        arr.splice(i, 1);
    }
}

console.log(arr);
```

Ans 2

```
let number = 287152;
let count = 0;

let copy = number;

while(copy > 0) {
    count++;
    copy = Math.floor(copy/10);
}
```

```
}  
  
console.log(count);
```

Ans 3

```
let number = 287152;  
let sum = 0;  
  
let copy = number;  
  
while(copy > 0) {  
    digit = copy % 10;  
    sum+= digit;  
    copy = Math.floor(copy/10);  
}  
  
console.log(sum);
```

Ans 4

```
let n = 5;  
let factorial = 1;  
  
for(let i=1; i<=n; i++) {  
    factorial *= i;  
}
```

```
}  
  
console.log(`factorial of ${n} is ${factorial}`);
```

Ans 5

```
let arr = [2, 5, 10, 4, 2, 7, 1, 9];  
let largest = 0;  
  
for(let i=0; i<=arr.length; i++) {  
    if(largest < arr[i]) {  
        largest = arr[i];  
    }  
}  
  
console.log(largest);
```