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// Exercise 1:
function destructureExamp1(pobj, parr) {
  const { name, age, ...newObj } = pobj;
  const [a, , b, ...newArr] = parr;
  return { name: name, age: age };
}
const obj = { name: 'John', age: 30, city: 'New York' };
const arr = [10, 20, 30, 40];
console.log(destructureExamp1(obj, arr));
```

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// Exercise 2:
function sumNumbers(...num)
{
  let total = 0;
  for (let i of num)
    total += i;
  return total;
}
console.log(sumNumbers(1, 2, 3, 4, 5));
```

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// Exercise 3:
function createGreeting(name){
  return `Hello, ${name}! Welcome to our website.`
}
console.log(createGreeting("Banjir"));
```

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// Exercise 4:
function isEven(num){
  return num % 2==0 ? 'Even' : 'Odd';
}
console.log(isEven(6));
```

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// Exercise 5:
const multiply = (a, b) => a * b;
console.log(multiply(5,10))
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// Exercise 6:
function getLargestNumber(a, b) {
  return a > b ? a : b;
}
console.log(getLargestNumber(5,10))
```

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// Exercise 7:
function getAddressCity({ ...obj }) {
  const city = obj.city ? obj.city : 'Unknown';
  return city;
}
const address = { street: '123 Main St', country: 'USA' };
console.log(getAddressCity(address));
```

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// Exercise 8:
const doubleNumbers = (arr) => arr.map((e) => e * 2);
console.log(doubleNumbers([1, 2, 3, 4, 5]));
```

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// Exercise 9:
function filterEvenNumbers(arr) {
  const newArray = arr.filter((n) => n % 2 === 0);
  return newArray;
}
console.log(filterEvenNumbers([1, 2, 3, 4, 5]));
```

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// Exercise 10:
const sumArray = (arr) => arr.reduce((t, n) => t + n);
console.log(sumArray([1, 2, 4, 5, 6]));
```

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// Exercise 11:
function sortNumbers(arr) {
  const sortArray = [...arr].sort();
  return sortArray;
}
console.log(sortNumbers([5, 2, 8, 1, 4]));
```