

ex. 1

The function will not display the confirmation ("Did parents allow you?") if else is removed.

ex. 2

using operator ?

```
function checkAge(age) {  
  return (age > 18) ? true : confirm('Did parents allow you?');  
}
```

using OR ||

```
function checkAge(age) {  
  return (age > 18) || confirm('Did parents allow you?');  
}
```

ex. 3

```
function min(a, b) {  
  return Math.min(a, b);  
}
```

ex. 4

```
const min = function(a, b) {  
  return Math.min(a, b);  
}
```

```
const min = (a, b) => Math.min(a, b);
```

ex. 5

```
function pow(x, n) {  
  return Math.pow(x, n);  
}
```

```
function calculatePower() {  
  var base = parseFloat(prompt("Enter the base (x):"));  
  var exponent = parseInt(prompt("Enter the exponent (n):"));  
  
  if (!isNaN(base) && !isNaN(exponent)) {  
    var result = pow(base, exponent);  
    alert("Result: " + result);  
  } else {  
    alert("Please enter valid numbers.");  
  }  
}
```

ex. 6

```
const pow = (x, n) => Math.pow(x, n);
```

ex. 7

```
const pow = (x, n) => x ** n;
```

ex. 8

```
const ask = (question, yes, no) => {  
  if (confirm(question)) yes();  
  else no();  
};
```

```
ask(
  "Do you agree?",
  () => { alert("You agreed."); },
  () => { alert("You canceled the execution."); }
);
```

ex. 9

```
let age = prompt("Input age")
let amountPerDay = prompt("Input amount per day")
function calculateSupply(age, amountPerDay) {
  var maxAge = 100;
  var totalNeeded = (amountPerDay * 365) * (maxAge - age);
  var message = 'You will need ' + totalNeeded + ' cups of tea to last you until
the ripe old age of ' + maxAge;
  console.log(message);
}

calculateSupply(age, 26);
calculateSupply(age, 6.5);
calculateSupply(age, 565);
```