Functions

1. The following function returns `true` if the parameter `age` is greater than `18`. Otherwise it asks for a confirmation and returns its result. Will the function work differently if `else` is removed?

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

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  if (age > 18) {
    return true;
  }
  // ...
  return confirm('Did parents allow you?');
}
```

2. The following function returns `true` if the parameter `age` is greater than `18`. Otherwise it asks for a confirmation and returns its result. Rewrite it, to perform the same, but without `if`, in a single line. Make two variants of `checkAge`:

   a) Using a question mark operator `?`

   b) Using OR `||`

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

3. Write a function `min(a,b)` which returns the least of two numbers `a` and `b`.

4. Rewrite the previous function as an expression function and as an arrow function

5. Write a function `pow(x,n)` that returns `x` in power `n`. Or, in other words, multiplies `x` by itself `n` times and returns the result. Create a web-page that prompts for `x` and `n`, and then shows the result of `pow(x,n)`.

6. Rewrite the pow(x,n) function as an expression function and assign 2^5 to a variable

7. Rewrite the pow(x,n) function as an arrow function

8. Replace Function Expressions with arrow functions in the code below:

```
function ask(question, yes, no) {
  if (confirm(question)) yes();
  else no();
}

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

9. Write a function named `calculateSupply` that:
   a) takes 2 arguments: age, amount per day.
   b) calculates the amount consumed for rest of the life (based on a constant max age).

c) outputs the result to the screen like so: "You will need NN to last you until the ripe old age of X"

Express it as an arrow function, if possible