1. calculate the factorial of 5 using reduce method

Ans.

const factorial = (...n) => {  
 return n.reduce((fact, n) => fact \* n, 1);  
 };  
  
 console.log(factorial(1, 2, 3, 4, 5, 6));  
  
  
2. find the maximum of n numbers passed from function using reduce  
Ans.  
const maximum = (...n) => {

return n.reduce((maxi, n) => (maxi > n ? maxi : n));  
 };  
  
console.log(maximum(5, 6, 13, 9, 4));

3. pass more than one string argument from function and check whether the name prajjal is appear how many times.

Ans.

function countOccurrences(...args) {

return args.reduce((count, arg) => ('prajjal' ? count + 1 : count),0);

};

const str1 = "hello prajjal sir, how are you?";

const str2 = "prajjal sir takes react and nodejs-I batch";

const str3 = "this function counts occurrences of prajjal sir.";

const occurrences = countOccurrences(str1, str2, str3);