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Q)Write a program to print the series 4,6,12,18,30,42,60,72.
let count1 = 0;
let count2 = 0;
let n = 80;
for (let i = 3; i < n; i++) {
 for (let j = 2; j < i; j++) {
  if (i % j === 0) {
    count1++;
    break;
  }
 let twinP = i + 2;
 for (let k = 2; k < i; k++) {
  if (twinP \% k === 0) {
    count2++;
   break;
  }
 if (count1 === 0 && count2 === 0) {
  console.log(i + 1);
 }
 count1 = 0;
 count2 = 0;
}
Q)Write a program to find all the Palindrome dates that come between the year 01-01-2001 till
31-12-2021. eg. 10-02-2001
let maxYear = 2021;
let minYear = 2001;
function isLeap(year) {
 return (year % 4 == 0 && year % 100 != 0) || year % 400 == 0;
}
function is Valid Date(day, month, year) {
 if (year > maxYear || year < minYear) return false;
 if (month < 1 || month > 12) return false;
 const lastDayOfMonth = new Date(year, month, 0).getDate();
 if (day < 1 || day > lastDayOfMonth) return false;
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if (month == 2) {
  return isLeap(year) ? day <= 29 : day <= 28;
 }
 if (month == 4 || month == 6 || month == 9 || month == 11) return day <= 30;
 return true;
function isPalindrome(str) {
 return str === str.split("").reverse().join("");
}
function printPalindromeDates(y1, y2) {
 for (let year = y1; year <= y2; year++) {
  for (let month = 1; month \leq 12; month++) {
    const lastDayOfMonth = new Date(year, month, 0).getDate();
    for (let day = 1; day <= lastDayOfMonth; day++) {
     let strYear = "" + year;
     let strMonth = String(month).padStart(2, "0");
     let strDay = String(day).padStart(2, "0");
     let rev = strYear.split("").reverse().join("");
     if (isLeap(year)) {
      if (
       isValidDate(day, month, year) &&
       isPalindrome(strDay + strMonth + rev)
      ) {
       console.log(`${strDay}-${strMonth}-${strYear}`);
      }
     } else {
      if (
       isValidDate(day, month, year) &&
       isPalindrome(strDay + strMonth + rev.substr(0, 2))
      ) {
       console.log(`${strDay}-${strMonth}-${strYear}`);
```

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}
let y1 = 2001,
    y2 = 2021;
printPalindromeDates(y1, y2);
```