// 1) Write a function that displays the current date and time in

// the format YYYY-MM-DD HH:MM:SS.

function displayCurrentDateTime() {

    const now = new Date();

    const year = now.getFullYear();

    const month = String(now.getMonth() + 1).padStart(2, '0');

    const day = String(now.getDate()).padStart(2, '0');

    const hours = String(now.getHours()).padStart(2, '0');

    const minutes = String(now.getMinutes()).padStart(2, '0');

    const seconds = String(now.getSeconds()).padStart(2, '0');

    const formattedDateTime = `${year}-${month}-${day} ${hours}:${minutes}:${seconds}`;

    console.log(formattedDateTime);

  }

  displayCurrentDateTime();

Output:- 2024-06-29 10:01:53

// 2) Write a function that calculates the number of days between two dates.

function calculateDaysBetweenDates(date1, date2) {

    const oneDay = 24 \* 60 \* 60 \* 1000; // hours \* minutes \* seconds \* milliseconds

    const firstDate = new Date(date1);

    const secondDate = new Date(date2);

    const diffDays = Math.round(Math.abs((firstDate - secondDate) / oneDay));

    return diffDays;

  }

  const daysBetween = calculateDaysBetweenDates('2023-06-01', '2023-07-30');

  console.log(daysBetween);

Output:- 59

// 3) Write a function that returns the day of the week for a given date.

function getDayOfWeek(date) {

    const daysOfWeek = ['Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday'];

    const givenDate = new Date(date);

    const dayOfWeek = daysOfWeek[givenDate.getDay()];

    return dayOfWeek;

}

  const day = getDayOfWeek('2023-06-28');

  console.log(day);

Output:- Wednesday