**JavaScript Exercises - Date Object**

1. Write a JavaScript function to check whether an 'input' is a date object or not.

Test Data :

console.log(is\_date("October 13, 2014 11:13:00"));

console.log(is\_date(new Date(86400000)));

console.log(is\_date(new Date(99,5,24,11,33,30,0)));

console.log(is\_date([1, 2, 4, 0]));

Output :

false

true

true

false

2. Write a JavaScript function to get the current date.

Note : Pass a separator as an argument.

Test Data :

console.log(curday('/'));

console.log(curday('-'));

Output :

"11/13/2014"

"11-13-2014"

3. Write a JavaScript function to get the number of days in a month.

Test Data :

console.log(getDaysInMonth(1, 2012));

console.log(getDaysInMonth(2, 2012));

console.log(getDaysInMonth(9, 2012));

console.log(getDaysInMonth(12, 2012));

Output :

31

29

30

31

4. Write a JavaScript function to get the month name from a particular date.

Test Data :

console.log(month\_name(new Date("10/11/2009")));

console.log(month\_name(new Date("11/13/2014")));

Output :

"October"

"November"

5. Write a JavaScript function to compare dates (i.e. greater than, less than or equal to).

Test Data :

console.log(compare\_dates(new Date('11/14/2013 00:00'), new Date('11/14/2013 00:00')));

console.log(compare\_dates(new Date('11/14/2013 00:01'), new Date('11/14/2013 00:00')));

console.log(compare\_dates(new Date('11/14/2013 00:00'), new Date('11/14/2013 00:01')));

Output :

"Date1 = Date2"

"Date1 > Date2"

"Date2 > Date1"

6. Write a JavaScript function to add specified minutes to a Date object.

Test Data :

console.log(add\_minutes(new Date(2014,10,2), 30).toString());

Output :

"Sun Nov 02 2014 00:30:00 GMT+0530 (India Standard Time)"

7. Write a JavaScript function to get difference between two dates in days.

Test Data :

console.log(date\_diff\_indays('04/02/2014', '11/04/2014'));

console.log(date\_diff\_indays('12/02/2014', '11/04/2014'));

Output :

216

-28

8. Write a JavaScript function to get the last day of a month.

Test Data :

console.log(lastday(2014,0));

console.log(lastday(2014,1));

console.log(lastday(2014,11));

Output :

31

28

31

9. Write a JavaScript function that will return the number of minutes in hours and minutes.

Test Data :

console.log(timeConvert(200));

Output :

"200 minutes = 3 hour(s) and 20 minute(s)."

10. Write a JavaScript program to calculate age.

Test Data :

console.log(calculate\_age(new Date(1982, 11, 4)));

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console.log(calculate\_age(new Date(1962, 1, 1)));

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