**Hello World!**

**March 2016**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sun** | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** | **Sat** |
|  | | | | 1 | 2 | 3 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |

**Demo functions**

**Demo the use of Unix timestamp**

month = 4, year = 2017  
  
The day's Unix time stamp is: 1490965200.     This way of showing time is not user friendly!  
The first day of the 4  month of the year  2017 is:  2017-Apr-01!  
The day is: 2017-Apr-01 00:00:00am!

**Demo differnt ways to show time, day, moth, year**

Today is: 2017-Apr-26 20:59:40pm!   
The time is: 2017-Apr-26 20:59:40pm20:59:40pm!   
The time is: 2017-Apr-26 20:59:40pm08:59:40pm!   
The time is: 20:59:40pm 26-Apr-17 08:59:40pm!   
The time is: 3 20:59:40pm 26-Apr-2017 !   
The time is: 3 20:59:40pm 26-Apr-2017 !Wednesday   
The time is: Wednesday 20:59:40pm 26-Apr-2017 !

**Demo various arrays**

**Demo INDEXED arrays - Arrays with a numeric index**

I like Volvo, BMW and Toyota.

**Demo the use of associative array and foreach loop**

day of the week: 0, name of the day: Sunday

day of the week: 1, name of the day: Monday

day of the week: 2, name of the day: Tuesday

day of the week: 3, name of the day: Wednesday

day of the week: 4, name of the day: Thursday

day of the week: 5, name of the day: Friday

day of the week: 6, name of the day: Saturday

show the content of a numerial array with foreach loop

1  
10  
100  
1000  
10000  
100000  
-1

**demo: key words and function names are case insensitive**

HELLO WOrld!   HELLO WOrld!

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day of the week: 5, name of the day: Friday

day of the week: 6, name of the day: Saturday

show the content of a numerial array with foreach loop

1  
10  
100  
1000  
10000  
100000  
-1

**Demo the use of branch: IF-ELSE**

The time is: 20   
Good night!

Today is: 26-Apr-2017.   It is a lucky day!

**Demo the use of loops**

**Demo FOREACH loop**

day of the week: 0, name of the day: Sunday

day of the week: 1, name of the day: Monday

day of the week: 2, name of the day: Tuesday

day of the week: 3, name of the day: Wednesday

day of the week: 4, name of the day: Thursday

day of the week: 5, name of the day: Friday

day of the week: 6, name of the day: Saturday

**Demo FOR loop**

Days in the week

Sunday.   
Tuesday.   
Thursday.   
Saturday. 

**Demo WHILE loop**

Days in the week

Sunday.   
Monday.   
Tuesday.   
Wednesday.   
Thursday.   
Friday.   
Saturday. 

**Demo DO-WHILE loop**

Days in the week

Sunday.   
Monday.   
Tuesday.   
Wednesday.   
Thursday.   
Friday.   
Saturday.

**Demo the use of Switch**

Monday's child is fair of face!