# Database Management Systems Laboratory Assignment B6

Date of Submission: 5-11-2020

**Title: JSON** 

Roll number: 31301

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Class: TE-3

Batch: K-3

PICT, Pune

ASSIGNMENT BG							
TITLE	Json						
DATE							
PROBLEM STATEMENT	Create simple objects and arrays objects using Json.						
LEARNING .	Understand the concept objects m JSON.  Lhderstand the simple and array objects.						
EARNING DUTCOMES	Students will be able be obsert to understood objects on JSON and implement them.						
HW & SIW REQUIREMENTS	64 bit OS, Fedoro OS, Computer, Keybood, Mondon, Mause.						

THEORY · JSON Objects can be created with Javascript. The other ways of creatry Json objects using Javascript on: La Creation of on empty Object -vor JSONObj=23, Is Creation of a new Ogect var Jsonobj=new Object (); La Creation of on object with attribute booknome with value in string, attribute prue with remove value Attribute is accessed by using '.' Operato - 0 Var JSONOBj={"bookname":
"VB BLACK BOOK",
"prie": 5003;

Creating Array Objects The following example shows creation of an array object in jownscript <html> Choads Ctitle> Crosting array object using JS 0x/47/6/
 Scapt language = "jawascript" S
 document. writeln (" var books ? "Pascal": § "None": "Pascal Made Smple", "prie": 703) § "Nome": "Grucle to Pascal", "prie: 4003] "Scalo": [ § "None": "Scale for the Imputer" prie ": 1003 § "None": "Scale in Depth", "prie: 1300] Var 1 = 0 douned write ("< table books 2' Xto

For (i=0; ichooks. Pascal length; i++) { document writchel "<+d>>1). document. untebal " < table books = 11' will h = 100 >"); downerd witch!" (+r) (+d) ( b) None </bo> books. Poscal [i]. None + "(/td>(/tr>)); document witch ("Ktr Xtd>Cb> Price Pascul [i] prue + "
//d> downerd. untel ("</table/): downers unteln ("V+d>"); for Ci= 0; ix books . Bcala length ; 194) ¿ doarrerd untela ("<+as"); doaned witchel " table border="1" width = 100> 11); document witch ("X+ D (+d) (b) None </bo>
td with =53 + books. Scale [3]. None + "X(+d)(Ar)). downerd witch ("K+><+d> <b> Prie (16)(1+d) (+dwdth=504) + books. Scaletil. prue + "(+d> SHD). downer inter("</able>"). doarnod. writely (" ");

	11	
		document. wilden ("
		< body>
0		
	Conclusion	Thus we have successfully understood how to create and implement objects in J.SON.

#### **OUTPUT**

```
<html>
<head>
</head>
<body>
<script type="text/javascript">
var jsonobj = {"Name":"Aboli Marathe","Year":"2020"};
document.write("<h1>JSON Object</h1><hr>");
document.write("<h2>Name</h2>"+jsonobj.Name+"<br>");
document.write("<h2>Year</h2>"+jsonobj.Year+"<br>");
var books = { "Pascal" : [
{ "Name" : "Pascal Made Simple", "price" : 700 },
{ "Name" : "Guide to Pascal", "price" : 400 }],
"Scala" : [
{ "Name" : "Scala for the Impatient", "price" : 1000 },
{ "Name" : "Scala in Depth", "price" : 1300 }]
var i = 0
document.writeln("");
for(i = 0;i<books.Pascal.length;i++){</pre>
document.writeln("");
document.writeln("");
books.Pascal[i].Name+"");
document.writeln("<b>Price</b>" + books.Pascal[i].price
+"");
document.writeln("");
document.writeln("");
for(i = 0;i<books.Scala.length;i++){</pre>
document.writeln("");
document.writeln("");
document.writeln("<b>Name</b>width = 50>" +
books.Scala[i].Name+"");
books.Scala[i].price+"");
document.writeln("");
document.writeln("");
document.writeln("");
</script>
</body>
```

## JSON Object

## Name

Aboli Marathe

## Year

2020

		Pascal		Guide			Scala for		Scala
ı	Name	Made	Name	to	Ш	Name	the	Name	in
ı		Simple		Pascal			Impatient		Depth
ı	Price	700	Price	400		Price	1000	Price	1300