



TECHNOLOGICAL UNIVERSITY OF THE PHILIPPINES CAVITE CAMPUS

CQT Avenue, Salawag, City of Dasmariñas, Cavite

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SECTION: BTTE-CP 1A

PROG2

Unit Output No.6 – JavaScript Objects and Functions

Direction: Show the results / outputs of the following program. Take a screenshot of the program together with its output.

Program#1

```
HOA6 Program 1.html X HOA6 Program 2.html HOA6 Program 3.html HOA6 Program  
HOA6 Program 1.html > html  
1 <!DOCTYPE html>  
2 <html>  
3  
4 <head>  
5 <title>User-defined objects</title>  
6 <script type="text/javascript">  
7   var book = new Object(); // Create the object  
8   book.subject = "Harry Potter"; // Assign properties to the object  
9   book.author = "J.K.Rowling";  
10 </script>  
11 </head>  
12  
13 <body>  
14 <script type="text/javascript">  
15   document.write("Book name is : " + book.subject + "<br>");  
16   document.write("Book author is : " + book.author + "<br>");  
17 </script>  
18 </body>  
19 <!--De Leon, Daniel Vian A. BTVTED-CP-2A-->  
20 </html>
```



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Program#2

```
HOA6 Program 1.html HOA6 Program 2.html X HOA6 Program 3.html HOA6 Program 4.html
HOA6 Program 2.html > html
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5   <title>User-defined objects</title>
6   <script type="text/javascript">
7     function book(title, author) {
8       this.title = title;
9       this.author = author;
10    }
11  </script>
12 </head>
13
14 <body>
15   <script type="text/javascript">
16     var myBook = new book("Maze Runner", "James Dashner");
17     document.write("Book title is : " + myBook.title + "<br>");
18     document.write("Book author is : " + myBook.author + "<br>");
19   </script>
20 </body>
21 <!--De Leon, Daniel Vian A. BTVTED-CP-2A-->
22 </html>
23
```

User-defined objects

Book title is : Maze Runner
Book author is : James Dashner

Program#3

```
HOA6 Program 1.html HOA6 Program 2.html HOA6 Program 3.html X HOA6 Program 4.html
HOA6 Program 3.html > html > head > script > book
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5   <title>User-defined objects</title>
6   <script type="text/javascript">
7     // Define a function which will work as a method
8     function addPrice(amount) {
9       this.price = amount;
10    }
11    function book(title, author) {
12      this.title = title;
13      this.author = author;
14      this.addPrice = addPrice; // Assign that method as property.
15    }
16  </script>
17 </head>
18
19 <body>
20   <script type="text/javascript">
21     var myBook = new book("The Alchemist", "Paulo Coelho");
22     myBook.addPrice(450);
23     document.write("Book title is : " + myBook.title + "<br>");
24     document.write("Book author is : " + myBook.author + "<br>");
25     document.write("Book price is : " + myBook.price + "<br>");
26   </script>
27 </body>
28 <!--De Leon, Daniel Vian A. BTVTED-CP-2A-->
29 </html>
```

User-def User-def

Book title is : The Alchemist
Book author is : Paulo Coelho
Book price is : 450



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Program#4

```
HOA6 Program 1.html HOA6 Program 2.html HOA6 Program 3.html HOA6
HOA6 Program 4.html > html > body
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5   <title>User-defined objects</title>
6   <script type="text/javascript">
7     // Define a function which will work as a method
8     function addPrice(amount) {
9       with (this) {
10        price = amount;
11      }
12    }
13    function book(title, author) {
14      this.title = title;
15      this.author = author;
16      this.price = 0;
17      this.addPrice = addPrice; // Assign that method as property.
18    }
19  </script>
20 </head>
21
22 <body>
23   <script type="text/javascript">
24     var myBook = new book("The Selection", "Kiera Cass");
25     myBook.addPrice(600);
26     document.write("Book title is : " + myBook.title + "<br>");
27     document.write("Book author is : " + myBook.author + "<br>");
28     document.write("Book price is : " + myBook.price + "<br>");
29   </script>
30 </body>
31 <!--De Leon, Daniel Vian A. BTVTED-CP-2A-->
32 </html>
```

User-defined objects

file:///E:/TUP

Inbox (16) - kelok3... ONLINE REQU

Book title is : The Selection
Book author is : Kiera Cass
Book price is : 600