|  |
| --- |
| 1.<!DOCTYPE html> |
|  | <html> |
|  | <body> |
|  | <script> |
|  | class Rectangle |
|  | { |
|  | constructor(height, width) |
|  | { |
|  | this.height = height; |
|  | this.width = width; |
|  | } |
|  | } |
|  | const r = new Rectangle(parseInt(prompt("Enter Height: ")),parseInt(prompt("Enter Width: "))); |
|  | //instance |
|  | document.write("Instance created: "+r instanceof Rectangle); |
|  | document.write("<br>Height: "+r.height); |
|  | document.write("<br>Width: "+r.width); |
|  | //change properties(optional) |
|  | r.height = 12; |
|  | //instance |
|  | document.write("Instance created: "+r instanceof Rectangle); |
|  | document.write("<br>Height: "+r.height); |
|  | document.write("<br>Width: "+r.width); |
|  |  |
|  | </script> |
|  | </body> |
|  | </html> |
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|  |  |
|  | 2. |
|  |  |
|  | <!DOCTYPE html> |
|  | <html> |
|  | <body> |
|  | <script> |
|  | class Rectangle |
|  | { |
|  | constructor(height, width) |
|  | { |
|  | this.height = height; |
|  | this.width = width; |
|  | } |
|  | //get area |
|  | get area() |
|  | { |
|  | return this.height \* this.width; |
|  | } |
|  | } |
|  | const r = new Rectangle(parseInt(prompt("Enter Height: ")),parseInt(prompt("Enter Width: "))); |
|  | //instance |
|  | document.write("Instance created: "+r instanceof Rectangle); |
|  | document.write("<br>Height: "+r.height); |
|  | document.write("<br>Width: "+r.width); |
|  | //area |
|  | document.write("<br><br>Area is: "+r.area); |
|  | </script> |
|  | </body> |
|  | </html> |
|  |  |
|  | 3. |
|  |  |
|  | <!DOCTYPE html> |
|  | <html> |
|  | <body> |
|  | <script> |
|  | class Rectangle |
|  | { |
|  | constructor(height, width) |
|  | { |
|  | this.height = height; |
|  | this.width = width; |
|  | } |
|  | //get area |
|  | get area() |
|  | { |
|  | return this.height \* this.width; |
|  | } |
|  | } |
|  | const r = new Rectangle(5,4); |
|  | //instance is created |
|  | document.write(r instanceof(Rectangle)) |
|  | //area |
|  | document.write("<br><br>Area is: "+r.area); |
|  | //change properties |
|  | r.height = 50; |
|  | //instance is created again (new properties loaded) |
|  | document.write(r instanceof(Rectangle)); |
|  | //area |
|  | document.write("<br><br>Area is: "+r.area); |
|  | </script> |
|  | </body> |
|  | </html> |
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|  | 4. |
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|  | <!DOCTYPE html> |
|  | <html> |
|  | <body> |
|  | <script> |
|  | const variable = new Object(); |
|  | variable.firstName = "Chaitali"; |
|  | variable.lastName = " Chaudhari"; |
|  | //print the properties |
|  | document.write(variable.firstName); |
|  | document.write(variable.lastName); |
|  | //change properties |
|  | variable.lastName = " Chaitali Chaudhari" |
|  | //print properties again |
|  | document.write("<br>"+variable.firstName); |
|  | document.write(variable.lastName); |
|  | </script> |
|  | </body> |
|  | </html> |
|  |  |
|  | 5. |
|  |  |
|  | <!DOCTYPE html> |
|  | <html> |
|  | <body> |
|  | <script> |
|  | const variable = new Object(); |
|  | variable.firstName = "Chaitali"; |
|  | variable.lastName = " Chaudhari"; |
|  | //print the properties |
|  | document.write(variable.firstName); |
|  | document.write(variable.lastName); |
|  | //change properties |
|  | variable.lastName = " Chaitali Chaudhari" |
|  | //print properties again |
|  | document.write("<br>"+variable.firstName); |
|  | document.write(variable.lastName); |
|  |  |
|  | //reading middle name |
|  | document.write("<br><br>Before Assigning middle name: "+variable.middleName); |
|  | //assigning middle name |
|  | variable.middleName = " Subhamaya"; |
|  | //reading again after assigning |
|  | document.write("<br>After Assigning middle name: "+variable.middleName); |
|  | </script> |
|  | </body> |
|  | </html> |
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|  | 6. |
|  |  |
|  | <!DOCTYPE html> |
|  | <html> |
|  | <body> |
|  | <script> |
|  | var string = "{firstName:'chaitali', lastName:'Chaudhari'}"; |
|  | eval('var obj='+string); |
|  | document.write(obj.firstName); |
|  | document.write("<br>"+obj.lastName); |
|  | </script> |
|  | </body> |
|  | </html> |
|  |  |
|  | 7. |
|  |  |
|  | <!DOCTYPE html> |
|  | <html> |
|  | <body> |
|  | <script> |
|  | var myobj = JSON.parse('{"firstName":"Chaitali", "lastName":"Chaudhari"}'); |
|  | document.write(myobj.firstName); |
|  | document.write("<br>"+myobj.lastName); |
|  | </script> |
|  | </body> |
|  | </html> |