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| <!DOCTYPE html>  <html>  <head>  <meta charset="UTF-8">  <title>  JS лаб. работа №6  </title>  </head>  <body>  </body>  <script src = "js/script.js"></script>  </html>  "use strict";  function isInteger(num) {  return (num ^ 0) === num;  }  function parent(a, b, c, d, x) {  try {  if (arguments.length != 5)  throw new SyntaxError("Недостаточно свойств для создания объекта.");  if (!isInteger(a) || !isInteger(b) || !isInteger(c) || !isInteger(d))  throw new SyntaxError("Ошибка! Некорректные значения аргументов!");  this.a = a;  this.b = b;  this.c = c;  this.getX = function() {  return x;  }  this.d = d;  } catch (e) {  document.write(e + "<br/><br/>");  }  }  parent.prototype.average = function () {  return (this.a + this.b + this.c + this.d) / 4;  };  parent.prototype.max = function () {  var max = this.a;  if (max < this.b)  max = this.b;  if (max < this.c)  max = this.c;  if (max < this.d)  max = this.d;  return max;  };  function child(a, b, c, d, x) {  try {  if (arguments.length != 5)  throw new SyntaxError("Недостаточно свойств для создания объекта.");  if (!isInteger(a) && a || !isInteger(b) && b || !isInteger(c) && c || !isInteger(d) && d || isNaN(x) && a)  throw new SyntaxError("Ошибка! Некорректные значения аргументов!");  this.a = a || 1;  this.b = b || 2;  this.c = c || 3;  this.d = d || 4;  this.x = x || 5;  } catch (e) {  document.write(e + "<br/><br/>");  }  } | child.prototype = Object.create(parent.prototype);  child.prototype.constructor = child;  child.prototype.squares = function () {  function square(a, b) {  return a \* a - 2 \* a \* b + b \* b;  }  return square(this.a, this.x) + square(this.b, this.x) + square(this.c, this.x) + square(this.d, this.x);  };  document.write('Примеры работы:<br>');  var int = new parent(1, 2, 3, 4, 5);  document.write('Parent #1<br>');  document.write("var int = new parent(1, 2, 3, 4); <br>");  document.write("int.a = " + int.a + ' <br>');  document.write("int.b = " + int.b + ' <br>');  document.write("int.c = " + int.c + ' <br>');  document.write("int.d = " + int.d + ' <br>');  document.write("int.x = " + int.getX() + ' <br>');  document.write("int.average() = " + int.average() + ' <br>');  document.write("int.max() = " + int.max() + ' <br><br>');  document.write('Parent #2<br>');  document.write("var int = new parent(1); <br>");  int = new parent(1);  document.write('Parent #3<br>');  document.write("var int = new parent(1, 2, '3', 4); <br>");  int = new parent(1, 2, '3', 4, 5);  int = new child(1, 2, 3, 4, 5);  document.write('Child #1<br>');  document.write("var int = new child(1, 2, 3, 4, 5); <br>");  document.write("int.a = " + int.a + ' <br>');  document.write("int.b = " + int.b + ' <br>')  document.write("int.c = " + int.c + ' <br>');  document.write("int.d = " + int.d + ' <br>');  document.write("int.x = " + int.x + ' <br>');  document.write("int.average() = " + int.average() + ' <br>');  document.write("int.max() = " + int.max() + ' <br>');  document.write("int.squares() = " + int.squares() + ' <br><br>');  document.write('Child #2<br>');  document.write("var int = new child(1); <br>");  int = new child(1);  document.write('Child #3<br>');  document.write("var int = new child(1, 2, '3', 4, 5); <br>");  int = new child(1, 2, '3', 4, 5); |