To figure out what the problem is, we would use the assembly line methodology to figure this out.

var Product = {

isPackaged: false, isLoaded: false, color: "uncolored",

paint: function (color) { *// The Painting Station will paint the product the desired color.* console.log("Painting product " + color + "."); this.color = color; console.log("Product painted " + color + "."); },

package: function (shippingType) { *// The Packaging Station will package the product for the shipping type specified.* *// E.g. Next Day Shipping* console.log("Packaging product for " + shippingType + "."); this.shippingType = shippingType; this.isPackaged = true; console.log("Product packaged for " + shippingType + "."); },

loadOnTruck: function () { *// The Loading Station will load the product on a truck to be shipped* *// to the customer.* console.log("Loading product onto truck."); this.isLoaded = true; console.log("Product loaded onto the truck."); }

};

var order = function (color, shippingType) { *// Creation Station: basic product is created.* *// Object.create will create a new object that has Product as* *// the prototype of that object. This means that any property lookups* *// performed will look first at the instance and then at Product.* var product = Object.create(Product);

console.log("Basic product created."); *// Painting Station: product is painted.*

product.paint(color); *// Packaging Station: product is packaged to be shipped.*

product.package(shippingType); *// Loading Station: product is loaded onto a truck.*

product.loadOnTruck;

return product;

};

The output:

"Basic product created."

"Painting product black."

"Product painted black."

"Packaging product for Next Day."

"Product packaged for Next Day."

These are the steps:

1. Order function is called passing in the steps.
2. Create a new product using product object.
3. The paint method is called.
4. The package method is called
5. The loadOnTruck method is called
6. The created product is returned

However the load on truck product is not working because it is not called properly, it needs to be called as product.**loadOnTruck();**

2) To solve this problem the steps are followed:

1. Order function is called passing in the steps.
2. Create a new product using product object.
3. The paint method is called.
4. The package method is called
5. The loadOnTruck method is called
6. The created product is returned

However in this scenario it appear that the result displays undefined when the package method is called, this means that there is no variable being passed through this function.