

1.

The jQuery library defines a single global function named `jQuery()`. The global symbol `$` is a shortcut for it. The value returned by this function represents a set of zeros or more DOM elements and is known as a jQuery object.

2.

```
$(document).ready(function(){  
    $("div h1").css("background-color","red");  
});
```

3.

```
<script type="text/javascript">  
    $(document).ready(function(){  
        var tx1="<p>Helloo</p>";  
        $("p").append(tx1);  
    }  
);  
</script>
```

4.