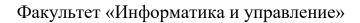
Московский государственный технический университет им. Н.Э. Баумана.



Кафедра ИУ5. Курс «Разработка интернет приложений»

Отчет по лабораторной работе №7

«Javascript»

Калугина Дарья, ИУ5-51

```
html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Plots</title>
  link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0beta/css/bootstrap.min.css"
integrity="sha384-
/Y6pD6FV/Vv2HJnA6t+vslU6fwYXjCFtcEpHbNJ0lyAFsXTsjBbfaDjzALeQsN6M"
crossorigin="anonymous"> link rel="stylesheet" href="style.css">
</head>
<body>
  <div class="input-group">
    <span class="input-group-addon">From: </span>
    <input type="text" id="from" class="form-control">
  </div>
  <div class="input-group">
    <span class="input-group-addon">To: </span>
    <input type="text" id="to" class="form-control">
  </div>
  <div class="input-group">
    <span class="input-group-addon">Function: </span>
    <input type="text" id="func" class="form-control">
  </div>
  <button id="plot_btn" class="btn btn-primary">Plot</button>
  <div id="plot">
  </div>
</body>
<footer>
  <script src="https://code.jquery.com/jquery-2.2.4.min.js"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/flot/0.8.3/jquery.flot.js"></script>
<script type="text/javascript" src="index.js"></script>
</footer>
</html> is
$(function(){
               var from
= $('#from'); var to =
$('#to');
          var func =
$('#func'); var btn =
$('#plot_btn');
  var plot = (\#plot');
```

```
btn.click(function(e){
e.preventDefault();
     var from_val = parseFloat(from.val());
     var to_val = parseFloat(to.val());
     setInterval(function(){
from_val += 0.1;
                         to_val
+=0.1;
       var values = []
       for(var \ x = from\_val; \ x \le to\_val; \ x += 0.1){
          values.push([x, eval(func.val())])
        }
       $.plot(plot, [values], {})
     }, 20);
  }); }) css
#plot{
         width:
400px;
          height:
300px;
  background-color: #aaa; }
```

From: 1 10 To: Function: Math.sin(x) Plot 1.5 1.0 0.5 0.0 -0.5 -1.0 -1.5 38 40 42 44