```
 1  @using NEAproject.Models
 2
 3  @model homemodel
 4  @{
 5      ViewBag.Title = "Big O Notation";
 6      string showpopup = (ViewBag.validint != null && ViewBag.validint ==
        false) ? "show" : "";
 7  }
 8  @{
 9
10      //var chart = new Chart(width: 600, height: 400, theme:
        ChartTheme.Blue).AddTitle("Graphtest").AddSeries(name: "Taste", xValue:
        new[] {"1", "2","3","4","5"}, yValues: new[] {"1",
        "2","3","4","5"}).Write();
11  }
12  <div class="row col-12 col-sm-12 text-center">
13      <h1>@ViewBag.Title</h1>
14  @*<span> @ViewBag.validint </span>*@
15  </div>
16
17  @*@using (Html.BeginForm("Index", "Home", FormMethod.Post, new { id =
    "form1" }))
18      {*@
19  <form id="form1" method="post">
20      <div class="row">
21          <div class="col-sm-4">
22              please choose the complexity that you want
23          </div>
24          <div class="col-sm-8">
25              @Html.DropDownListFor(m => m.selectcomplexity,
                homemodel.getcomplexity(), "Please select complexity", new
                { @class = "form-control" })
26          </div>
27      </div>
28      <div class="row col-sm-12">
29          <br>
30      </div>
31      <div class="row">
32          <div class="col-sm-4">
33              please input the value of N that you want
34          </div>
35          <div class="col-sm-8">
36              @Html.TextBoxFor(m => m.valueofn, new { @class = "form-control" })
37          </div>
38      </div>
39
40
41
42      <div class="row">
43          <div class="col-lg-12">
44              <input type="submit" value="submit" class="btn btn-primary">
45
46          </div>
```

```html
47          </div>
48
49
50
51
52
53
54  </form>
55  @*}*@
56
57  <div id="chartContainer" style="height: 500px ; width : 100%;"> </div>
58
59  <script src="https://canvasjs.com/assets/script/canvasjs.min.js"></script>
60  <div class="modal fade" role="dialog" aria-labelledby="validn" aria-
        hidden="true" id="validnmodel">
61      <div class="modal-dialog" role="document">
62          <div class="modal-content" >
63              <div class="modal-header">
64                  <h3 class="modal-title" id="validn">
65                      Please choose a valid input for n
66                  </h3>
67                  <button type="button" class="close" data-dismiss="modal" aria-
                        label="close">
68                      <span aria-hidden="true">
69                          &times;
70                      </span>
71                  </button>
72              </div>
73              <div class="modal-body">
74                  The value that you have entered for n is not an integer.<br />
                        please enter an integer and then resubmit the form.
75              </div>
76              <div class="modal-footer">
77                  <button type="button" class="btn btn-secondary" data-
                        dismiss="modal">
78                      close
79                  </button>
80                  <button type="button" class="btn btn-primary">
81                      Okay
82                  </button>
83              </div>
84          </div>
85      </div>
86
87
88  </div>
89  @section header {
90
91
92      @if (ViewBag.datapointlist != null)
93      {
94      <script>
95  window.onload = function(){
```

```cshtml
 96          var chart = new CanvasJS.Chart("chartContainer",{
 97              animationEnabled: true,
 98              theme: "light2",title: {
 99                  text: "Graph"
100              }, data: [{
101                  type: "spline", name:"a", dataPoints: @Html.Raw
                        (ViewBag.datapointlist)
102              }]
103          });
104          chart.render();}
105
106      </script>
107          }
108
109 }
110
111 @* create slect list in c# with helper function user defined, and needs to *@
112 @* place it in the viewbag, and on cshtml page *@
113 @* @Html.DropdownListFor(m=>m.selectComplexity, viewbag.nameofviewbagcreated)
        *@
114 @section Scripts{
115 <script type="text/javascript">
116      $(document).ready(function () {
117          if ('@(showpopup)' == 'show') {
118              $("#validnmodel").modal('show');
119          }
120
121      });
122 </script>
123 }
```