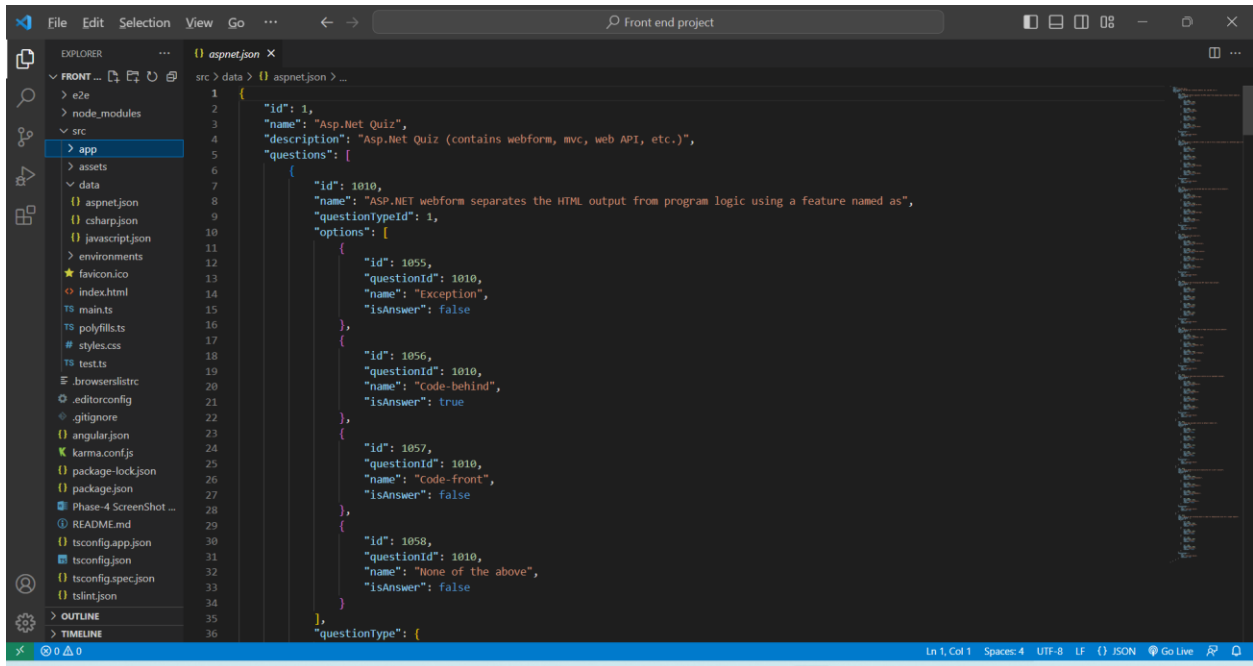
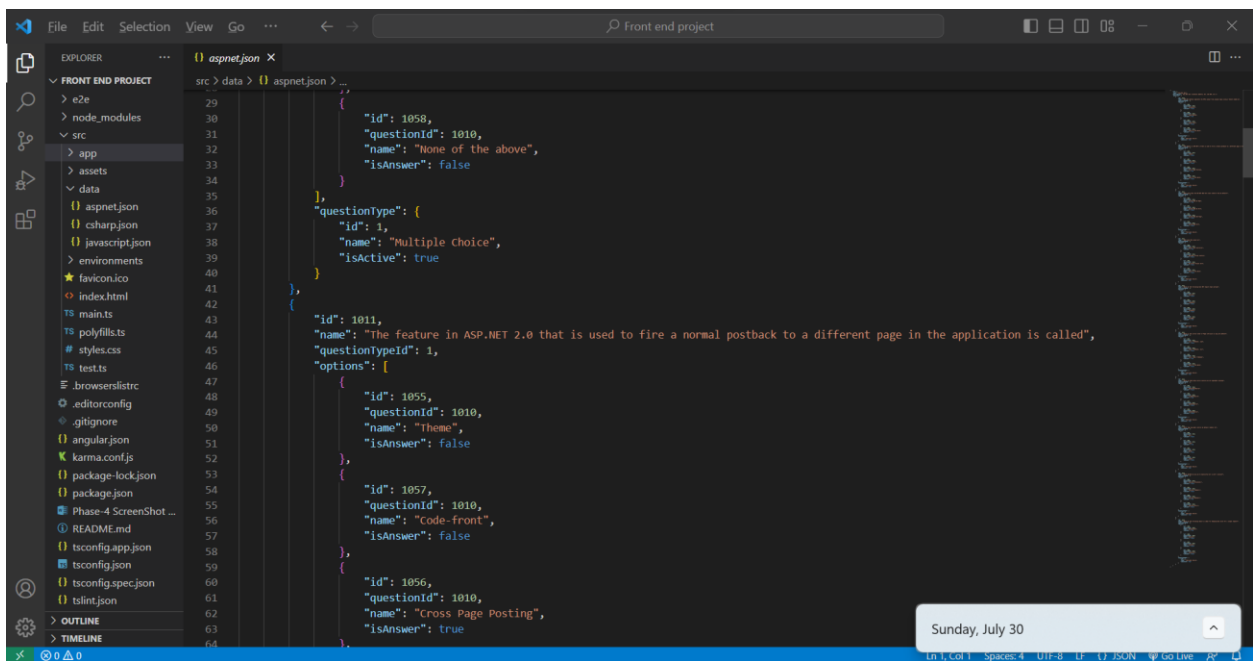


Source Code

Aspnet.json



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3   "name": "Asp-Net Quiz",
4   "description": "Asp.Net Quiz (contains webform, mvc, web API, etc.)",
5   "questions": [
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7       "id": 1010,
8       "name": "ASP.NET webform separates the HTML output from program logic using a feature named as",
9       "questionId": 1,
10      "options": [
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12          "id": 1055,
13          "questionId": 1010,
14          "name": "Exception",
15          "isAnswer": false
16        },
17        {
18          "id": 1056,
19          "questionId": 1010,
20          "name": "Code-behind",
21          "isAnswer": true
22        },
23        {
24          "id": 1057,
25          "questionId": 1010,
26          "name": "Code-front",
27          "isAnswer": false
28        },
29        {
30          "id": 1058,
31          "questionId": 1010,
32          "name": "None of the above",
33          "isAnswer": false
34        }
35      ],
36      "questionType": {
```



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40        "isActive": true
41      },
42    },
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46      "questionId": 1,
47      "options": [
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57          "name": "Code-front",
58          "isAnswer": false
59        },
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61          "id": 1056,
62          "questionId": 1010,
63          "name": "Cross Page Posting",
64          "isAnswer": true
65        }
66      ],
67      "questionType": {
```

```
File Edit Selection View Go ... Front end project
EXPLORER
FRONT END PROJECT
  > e2e
  > node_modules
  > src
    > app
    > assets
    > data
      (aspnet.json)
      (csharp.json)
      (javascript.json)
      > environments
      ★ favicon.ico
      > index.html
      TS main.ts
      TS polyfills.ts
      # styles.css
      TS tests.ts
      .browserslistrc
      .editorconfig
      .gitignore
      (angular.json)
      (karma.conf.js)
      (package-lock.json)
      (package.json)
      Phase-4 ScreenShot ...
      (README.md)
      (tsconfig.app.json)
      (tsconfig.json)
      (tsconfig.spec.json)
      (tslint.json)
  > OUTLINE
  > TIMELINE
src > data > (aspnet.json)
36
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41
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{
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      "name": "System.Web.UI.Page",
      "isAnswer": true
    },
    {
      "id": 1057,
      "questionId": 1010,
```

```
File Edit Selection View Go ... Front end project
EXPLORER
FRONT END PROJECT
  > e2e
  > node_modules
  > src
    > app
    > assets
    > data
      (aspnet.json)
      (csharp.json)
      (javascript.json)
      > environments
      ★ favicon.ico
      > index.html
      TS main.ts
      TS polyfills.ts
      # styles.css
      TS tests.ts
      .browserslistrc
      .editorconfig
      .gitignore
      (angular.json)
      (karma.conf.js)
      (package-lock.json)
      (package.json)
      Phase-4 ScreenShot ...
      (README.md)
      (tsconfig.app.json)
      (tsconfig.json)
      (tsconfig.spec.json)
      (tslint.json)
  > OUTLINE
  > TIMELINE
src > data > (aspnet.json)
84
85
86
87
88
89
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91
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93
94
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97
98
99
100
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```

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167      {
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313        "isAnswer": false
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320      }
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358    ]
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545  ],
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554    "questionTypeId": 1,
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785        "id": 1057,
786        "questionId": 1010,
787        "name": "Maximum Virtual Control",
788        "isAnswer": false
789      },
790      {
791        "id": 1056,
792        "questionId": 1010,
793        "name": "Microsoft Visual Core",
794        "isAnswer": false
795      },
796      {
797        "id": 1058,
798        "questionId": 1010,
799        "name": "None of the above",
800        "isAnswer": false
801      }
802    ]
803  }
804  ],
805  "questionType": {
806    "id": 1,
807    "name": "Multiple Choice",
808    "isActive": true
809  },
810  {
811    "id": 1014,
812    "name": "Which of the following does NOT require type casting?",
813    "questionTypeId": 1,
814    "options": [
815      {
816        "id": 1055,
817        "questionId": 1010,
818        "name": "Model View Controller",
819        "isAnswer": true
820      },
821      {
822        "id": 1057,
823        "questionId": 1010,
824        "name": "Maximum Virtual Control",
825        "isAnswer": false
826      },
827      {
828        "id": 1056,
829        "questionId": 1010,
830        "name": "Microsoft Visual Core",
831        "isAnswer": false
832      },
833      {
834        "id": 1058,
835        "questionId": 1010,
836        "name": "None of the above",
837        "isAnswer": false
838      }
839    ]
840  }
841  ],
842  "questionType": {
843    "id": 1,
844    "name": "Multiple Choice",
845    "isActive": true
846  },
847  {
848    "id": 1014,
849    "name": "Which of the following does NOT require type casting?",
850    "questionTypeId": 1,
851    "options": [
852      {
853        "id": 1055,
854        "questionId": 1010,
855        "name": "Model View Controller",
856        "isAnswer": true
857      },
858      {
859        "id": 1057,
860        "questionId": 1010,
861        "name": "Maximum Virtual Control",
862        "isAnswer": false
863      },
864      {
865        "id": 1056,
866        "questionId": 1010,
867        "name": "Microsoft Visual Core",
868        "isAnswer": false
869      },
870      {
871        "id": 1058,
872        "questionId": 1010,
873        "name": "None of the above",
874        "isAnswer": false
875      }
876    ]
877  }
878  ],
879  "questionType": {
880    "id": 1,
881    "name": "Multiple Choice",
882    "isActive": true
883  },
884  {
885    "id": 1014,
886    "name": "Which of the following does NOT require type casting?",
887    "questionTypeId": 1,
888    "options": [
889      {
890        "id": 1055,
891        "questionId": 1010,
892        "name": "Model View Controller",
893        "isAnswer": true
894      },
895      {
896        "id": 1057,
897        "questionId": 1010,
898        "name": "Maximum Virtual Control",
899        "isAnswer": false
900      },
901      {
902        "id": 1056,
903        "questionId": 1010,
904        "name": "Microsoft Visual Core",
905        "isAnswer": false
906      },
907      {
908        "id": 1058,
909        "questionId": 1010,
910        "name": "None of the above",
911        "isAnswer": false
912      }
913    ]
914  }
915  ],
916  "questionType": {
917    "id": 1,
918    "name": "Multiple Choice",
919    "isActive": true
920  },
921  {
922    "id": 1014,
923    "name": "Which of the following does NOT require type casting?",
924    "questionTypeId": 1,
925    "options": [
926      {
927        "id": 1055,
928        "questionId": 1010,
929        "name": "Model View Controller",
930        "isAnswer": true
931      },
932      {
933        "id": 1057,
934        "questionId": 1010,
935        "name": "Maximum Virtual Control",
936        "isAnswer": false
937      },
938      {
939        "id": 1056,
940        "questionId": 1010,
941        "name": "Microsoft Visual Core",
942        "isAnswer": false
943      },
944      {
945        "id": 1058,
946        "questionId": 1010,
947        "name": "None of the above",
948        "isAnswer": false
949      }
950    ]
951  }
952  ],
953  "questionType": {
954    "id": 1,
955    "name": "Multiple Choice",
956    "isActive": true
957  },
958  {
959    "id": 1014,
960    "name": "Which of the following does NOT require type casting?",
961    "questionTypeId": 1,
962    "options": [
963      {
964        "id": 1055,
965        "questionId": 1010,
966        "name": "Model View Controller",
967        "isAnswer": true
968      },
969      {
970        "id": 1057,
971        "questionId": 1010,
972        "name": "Maximum Virtual Control",
973        "isAnswer": false
974      },
975      {
976        "id": 1056,
977        "questionId": 1010,
978        "name": "Microsoft Visual Core",
979        "isAnswer": false
980      },
981      {
982        "id": 1058,
983        "questionId": 1010,
984        "name": "None of the above",
985        "isAnswer": false
986      }
987    ]
988  }
989  ],
990  "questionType": {
991    "id": 1,
992    "name": "Multiple Choice",
993    "isActive": true
994  },
995  {
996    "id": 1014,
997    "name": "Which of the following does NOT require type casting?",
998    "questionTypeId": 1,
999    "options": [
1000      {
1001        "id": 1055,
1002        "questionId": 1010,
1003        "name": "Model View Controller",
1004        "isAnswer": true
1005      },
1006      {
1007        "id": 1057,
1008        "questionId": 1010,
1009        "name": "Maximum Virtual Control",
1010        "isAnswer": false
1011      },
1012      {
1013        "id": 1056,
1014        "questionId": 1010,
1015        "name": "Microsoft Visual Core",
1016        "isAnswer": false
1017      },
1018      {
1019        "id": 1058,
1020        "questionId": 1010,
1021        "name": "None of the above",
1022        "isAnswer": false
1023      }
1024    ]
1025  }
1026  ],
1027  "questionType": {
1028    "id": 1,
1029    "name": "Multiple Choice",
1030    "isActive": true
1031  },
1032  {
1033    "id": 1014,
1034    "name": "Which of the following does NOT require type casting?",
1035    "questionTypeId": 1,
1036    "options": [
1037      {
1038        "id": 1055,
1039        "questionId": 1010,
1040        "name": "Model View Controller",
1041        "isAnswer": true
1042      },
1043      {
1044        "id": 1057,
1045        "questionId": 1010,
1046        "name": "Maximum Virtual Control",
1047        "isAnswer": false
1048      },
1049      {
1050        "id": 1056,
1051        "questionId": 1010,
1052        "name": "Microsoft Visual Core",
1053        "isAnswer": false
1054      },
1055      {
1056        "id": 1058,
1057        "questionId": 1010,
1058        "name": "None of the above",
1059        "isAnswer": false
1060      }
1061    ]
1062  }
1063  ],
1064  "questionType": {
1065    "id": 1,
1066    "name": "Multiple Choice",
1067    "isActive": true
1068  },
1069  {
1070    "id": 1014,
1071    "name": "Which of the following does NOT require type casting?",
1072    "questionTypeId": 1,
1073    "options": [
1074      {
1075        "id": 1055,
1076        "questionId": 1010,
1077        "name": "Model View Controller",
1078        "isAnswer": true
1079      },
1080      {
1081        "id": 1057,
1082        "questionId": 1010,
1083        "name": "Maximum Virtual Control",
1084        "isAnswer": false
1085      },
1086      {
1087        "id": 1056,
1088        "questionId": 1010,
1089        "name": "Microsoft Visual Core",
1090        "isAnswer": false
1091      },
1092      {
1093        "id": 1058,
1094        "questionId": 1010,
1095        "name": "None of the above",
1096        "isAnswer": false
1097      }
1098    ]
1099  }
1100  ],
1101  "questionType": {
1102    "id": 1,
1103    "name": "Multiple Choice",
1104    "isActive": true
1105  },
1106  {
1107    "id": 1014,
1108    "name": "Which of the following does NOT require type casting?",
1109    "questionTypeId": 1,
1110    "options": [
1111      {
1112        "id": 1055,
1113        "questionId": 1010,
1114        "name": "Model View Controller",
1115        "isAnswer": true
1116      },
1117      {
1118        "id": 1057,
1119        "questionId": 1010,
1120        "name": "Maximum Virtual Control",
1121        "isAnswer": false
1122      },
1123      {
1124        "id": 1056,
1125        "questionId": 1010,
1126        "name": "Microsoft Visual Core",
1127        "isAnswer": false
1128      },
1129      {
1130        "id": 1058,
1131        "questionId": 1010,
1132        "name": "None of the above",
1133        "isAnswer": false
1134      }
1135    ]
1136  }
1137  ],
1138  "questionType": {
1139    "id": 1,
1140    "name": "Multiple Choice",
1141    "isActive": true
1142  },
1143  {
1144    "id": 1014,
1145    "name": "Which of the following does NOT require type casting?",
1146    "questionTypeId": 1,
1147    "options": [
1148      {
1149        "id": 1055,
1150        "questionId": 1010,
1151        "name": "Model View Controller",
1152        "isAnswer": true
1153      },
1154      {
1155        "id": 1057,
1156        "questionId": 1010,
1157        "name": "Maximum Virtual Control",
1158        "isAnswer": false
1159      },
1160      {
1161        "id": 1056,
1162        "questionId": 1010,
1163        "name": "Microsoft Visual Core",
1164        "isAnswer": false
1165      },
1166      {
1167        "id": 1058,
1168        "questionId": 1010,
1169        "name": "None of the above",
1170        "isAnswer": false
1171      }
1172    ]
1173  }
1174  ],
1175  "questionType": {
1176    "id": 1,
1177    "name": "Multiple Choice",
1178    "isActive": true
1179  },
1180  {
1181    "id": 1014,
1182    "name": "Which of the following does NOT require type casting?",
1183    "questionTypeId": 1,
1184    "options": [
1185      {
1186        "id": 1055,
1187        "questionId": 1010,
1188        "name": "Model View Controller",
1189        "isAnswer": true
1190      },
1191      {
1192        "id": 1057,
1193        "questionId": 1010,
1194        "name": "Maximum Virtual Control",
1195        "isAnswer": false
1196      },
1197      {
1198        "id": 1056,
1199        "questionId": 1010,
1200        "name": "Microsoft Visual Core",
1201        "isAnswer": false
1202      },
1203      {
1204        "id": 1058,
1205        "questionId": 1010,
1206        "name": "None of the above",
1207        "isAnswer": false
1208      }
1209    ]
1210  }
1211  ],
1212  "questionType": {
1213    "id": 1,
1214    "name": "Multiple Choice",
1215    "isActive": true
1216  },
1217  {
1218    "id": 1014,
1219    "name": "Which of the following does NOT require type casting?",
1220    "questionTypeId": 1,
1221    "options": [
1222      {
1223        "id": 1055,
1224        "questionId": 1010,
1225        "name": "Model View Controller",
1226        "isAnswer": true
1227      },
1228      {
1229        "id": 1057,
1230        "questionId": 1010,
1231        "name": "Maximum Virtual Control",
1232        "isAnswer": false
1233      },
1234      {
1235        "id": 1056,
1236        "questionId": 1010,
1237        "name": "Microsoft Visual Core",
1238        "isAnswer": false
1239      },
1240      {
1241        "id": 1058,
1242        "questionId": 1010,
1243        "name": "None of the above",
1244        "isAnswer": false
1245      }
1246    ]
1247  }
1248  ],
1249  "questionType": {
12
```

The screenshot shows a Visual Studio Code editor window titled "Front end project". The Explorer sidebar on the left shows a file tree for the "FRONT END PROJECT" with folders like "e2e", "node_modules", "src", "app", "assets", "data", and "environments". The "data" folder is expanded, showing files like "aspnet.json", "csharp.json", "javascript.json", "environments", "favicon.ico", "index.html", "main.ts", "polyfills", "styles.css", "test.ts", and "test.ts". The "aspnet.json" file is selected and its content is displayed in the main editor. The JSON content is as follows:

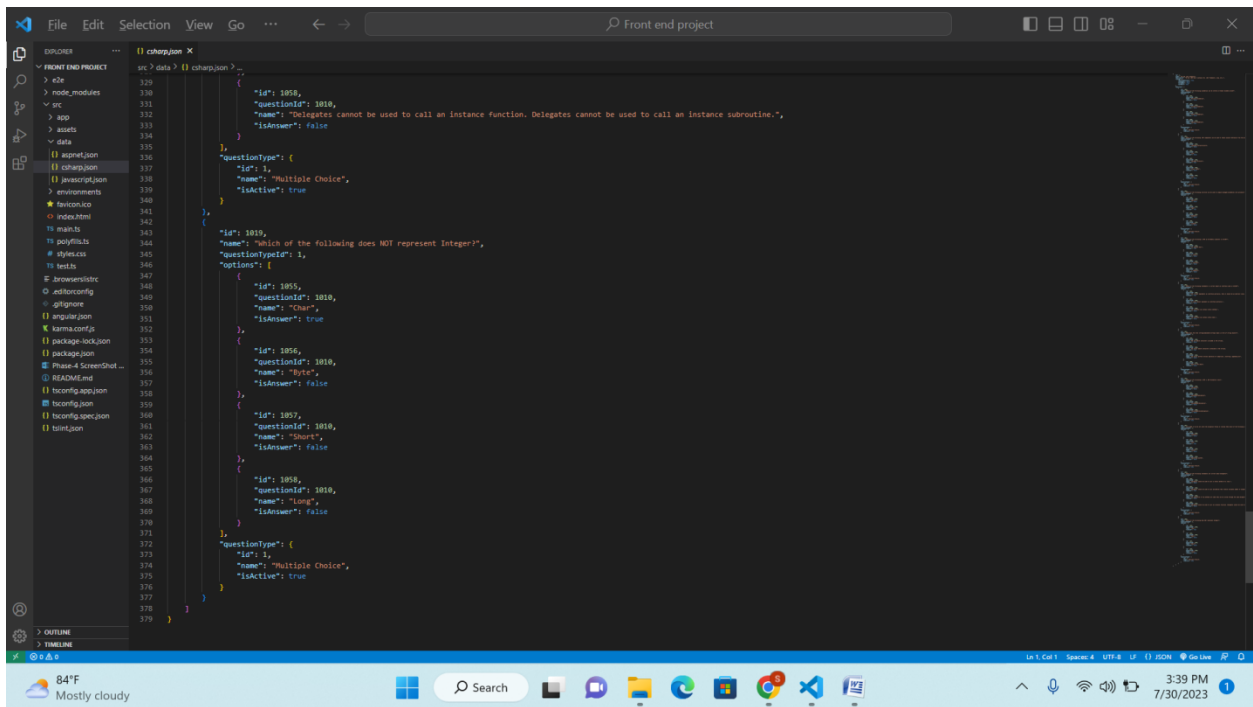
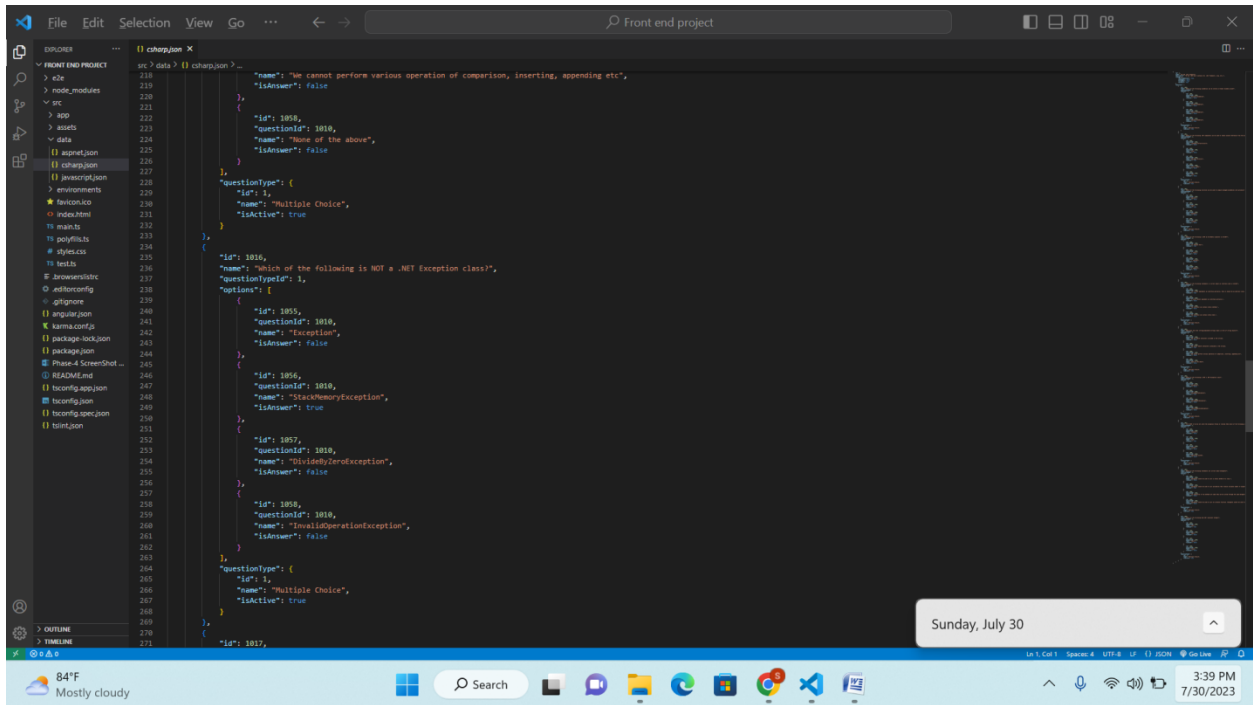
```
{
  "id": 1,
  "questionId": 1,
  "options": [
    {
      "id": 1055,
      "questionId": 1010,
      "name": "HttpContext",
      "isAnswer": true
    },
    {
      "id": 1056,
      "questionId": 1010,
      "name": "Session",
      "isAnswer": false
    },
    {
      "id": 1057,
      "questionId": 1010,
      "name": "Cookies",
      "isAnswer": false
    },
    {
      "id": 1058,
      "questionId": 1010,
      "name": "SqlServer",
      "isAnswer": false
    }
  ],
  "questionType": {
    "id": 1,
    "name": "Multiple Choice",
    "isActive": true
  }
}
```

Csharp.json

The screenshot shows a Visual Studio Code editor window titled "Front end project". The Explorer sidebar on the left shows the same file tree as the previous screenshot, but the "csharp.json" file is selected. The JSON content is displayed in the main editor. The JSON content is as follows:

```
{
  "id": 2,
  "name": "C# and .Net Framework",
  "description": "C# and .Net Quiz (contains C#, .Net Framework, Ling, etc.)",
  "config": {
    "shuffleQuestions": true,
    "showPages": false,
    "allIndex": true,
    "autoMove": true
  },
  "questions": [
    {
      "id": 1010,
      "name": "Which of the following assemblies can be stored in Global Assembly Cache?",
      "questionType": 1,
      "options": [
        {
          "id": 1055,
          "questionId": 1010,
          "name": "Private Assemblies",
          "isAnswer": false
        },
        {
          "id": 1056,
          "questionId": 1010,
          "name": "Friend Assemblies",
          "isAnswer": false
        },
        {
          "id": 1057,
          "questionId": 1010,
          "name": "Public Assemblies",
          "isAnswer": false
        },
        {
          "id": 1058,
          "questionId": 1010,
          "name": "Shared Assemblies",
          "isAnswer": true
        }
      ]
    },
    {
      "questionType": {
        "id": 1,
        "name": "Multiple Choice",
        "isActive": true
      }
    }
  ],
  "id": 1011,
  "name": "Which of the following .NET components can be used to remove unused references from the managed heap?",
  "questionType": 1,
  "options": [
    {
      "id": 1055,

```



Javascript.json

```
1 {
2   "id": 1,
3   "name": "JavaScript Quiz",
4   "description": "JavaScript Quiz (Basic Multiple Choice Questions for Javascript Developers)",
5   "questions": [
6     {
7       "id": 1010,
8       "name": "Which HTML tag do we use to put the JavaScript?",
9       "questionType": 1,
10      "options": [
11        {
12          "id": 1050,
13          "questionId": 1010,
14          "name": "javascript",
15          "isAnswer": false
16        },
17        {
18          "id": 1054,
19          "questionId": 1010,
20          "name": "<script>",
21          "isAnswer": true
22        },
23        {
24          "id": 1057,
25          "questionId": 1010,
26          "name": "<jsp>",
27          "isAnswer": false
28        },
29        {
30          "id": 1058,
31          "questionId": 1010,
32          "name": "None of the above",
33          "isAnswer": false
34        }
35      ],
36      "questionType": {
37        "id": 1,
38        "name": "Multiple Choice",
39        "isActive": true
40      }
41    },
42    {
43      "id": 1011,
44      "name": "Which built-in method calls a function for each element in the array?",
45      "questionType": 1,
46      "options": [
47        {
48          "id": 1055,
49          "questionId": 1010,
50          "name": "forEach()",
51          "isAnswer": false
52        },
53        {
54          "id": 1057,
55          "questionId": 1010,
56          "name": "forEach",
57          "isAnswer": false
58        },
59        {
60          "id": 1056,
61          "questionId": 1010,
62          "name": "forEach",
63          "isAnswer": true
64        },
65        {
66          "id": 1058,
67          "questionId": 1010,
68          "name": "forEach()",
69          "isAnswer": false
70        }
71      ],
72      "questionType": {
73        "id": 1,
74        "name": "Multiple Choice",
75        "isActive": true
76      }
77    },
78    {
79      "id": 1012,
80      "name": "What is the difference between let and var?",
81      "questionType": 1,
82      "options": [
83        {
84          "id": 1055,
85          "questionId": 1010,
```

```
33   "isAnswer": false
34 },
35 },
36 },
37 },
38 },
39 },
40 },
41 },
42 },
43 },
44 },
45 },
46 },
47 },
48 },
49 },
50 },
51 },
52 },
53 },
54 },
55 },
56 },
57 },
58 },
59 },
60 },
61 },
62 },
63 },
64 },
65 },
66 },
67 },
68 },
69 },
70 },
71 },
72 },
73 },
74 },
75 },
76 },
77 },
78 },
79 },
80 },
81 },
82 },
83 },
84 },
85 },
```

```
108      },
109      {
110        "id": 1007,
111        "questionId": 1010,
112        "name": "Both are same",
113        "isActive": false
114      },
115      {
116        "id": 1008,
117        "questionId": 1010,
118        "name": "var is new data type",
119        "isActive": false
120      },
121      {
122        "id": 1009,
123        "questionId": 1010,
124        "name": "let consumes more cpu and ram",
125        "isActive": false
126      },
127    ],
128    "questionType": {
129      "id": 1,
130      "name": "Multiple Choice",
131      "isActive": true
132    },
133  },
134  {
135    "id": 1013,
136    "name": "What is TypeScript?",
137    "questionId": 1,
138    "options": [
139      {
140        "id": 1005,
141        "questionId": 1010,
142        "name": "A language based on Javascript",
143        "isActive": true
144      },
145      {
146        "id": 1007,
147        "questionId": 1010,
148        "name": "Script that runs on browser",
149        "isActive": false
150      },
151      {
152        "id": 1006,
153        "questionId": 1010,
154        "name": "A datatype collection of Javascript",
155        "isActive": false
156      },
157      {
158        "id": 1008,
159        "questionId": 1010,
160        "name": "None of the above",
161        "isActive": false
162      }
163    ]
164  },
165  {
166    "id": 1016,
167    "name": "Which ES6 feature helps in merging of a number of changed properties into an existing object?",
168    "questionId": 1,
169    "options": [
170      {
171        "id": 1005,
172        "questionId": 1010,
173        "name": "Class syntax",
174        "isActive": false
175      },
176      {
177        "id": 1006,
178        "questionId": 1010,
179        "name": "Object.assign()",
180        "isActive": true
181      },
182      {
183        "id": 1007,
184        "questionId": 1010,
185        "name": "map data structure",
186        "isActive": false
187      }
188    ]
189  },
190  {
191    "id": 1017,
192    "questionId": 1010,
193    "name": "map data structure",
194    "isActive": false
195  }
196  ]
197  }
```

```
191      {
192        "id": 1005,
193        "questionId": 1010,
194        "name": "Generator Functions",
195        "isActive": false
196      },
197      {
198        "id": 1007,
199        "questionId": 1010,
200        "name": "Arrow Functions",
201        "isActive": false
202      },
203      {
204        "id": 1006,
205        "questionId": 1010,
206        "name": "Template Strings",
207        "isActive": true
208      },
209      {
210        "id": 1008,
211        "questionId": 1010,
212        "name": "Set Data Structure",
213        "isActive": false
214      }
215    ],
216    "questionType": {
217      "id": 1,
218      "name": "Multiple Choice",
219      "isActive": true
220    },
221  },
222  {
223    "id": 1016,
224    "name": "Which ES6 feature helps in merging of a number of changed properties into an existing object?",
225    "questionId": 1,
226    "options": [
227      {
228        "id": 1005,
229        "questionId": 1010,
230        "name": "Class syntax",
231        "isActive": false
232      },
233      {
234        "id": 1006,
235        "questionId": 1010,
236        "name": "Object.assign()",
237        "isActive": true
238      },
239      {
240        "id": 1007,
241        "questionId": 1010,
242        "name": "map data structure",
243        "isActive": false
244      }
245    ]
246  },
247  {
248    "id": 1017,
249    "questionId": 1010,
250    "name": "map data structure",
251    "isActive": false
252  }
253  ]
254  }
```

