

MAJOR PROJECT SYNOPSIS

PROBLEM STATEMENT:

Make An Flutter Application Adding Display Your name In The Center And Add ThreeButtons.One ButtonIntro,OneButton Education,One Button Skills.When You Press A Button, the Respective Page Should Load Using Navigation Pop MethodAnd Take You To New Screen And Display the Respective Details

OBJECTIVE:

- The user can navigate the screen as for requirement.

ABSTRACT:

This app allow the user to navigate the screen . The user can move from one screen to another screen by using push and pop navigator method.

HARDWARE / SOFTWARE Requirements

Software Requirements:

- IDE: Android Studio
- Operating System: Microsoft Windows/Linux

Hardware Requirements:

- Processor: Pentium-3 or Higher
- RAM: 64MB or Higher
- Hard Disk: 80GB or Higher

	Windows requirements	Mac requirements	Linux requirements
Operating system	Windows 8 or later	macOS Sierra 10.12 or later	64-bit Ubuntu 14.04+, Debian 8+, openSUSE 13.3+, or Fedora Linux 24+
Processor	Intel Pentium 4 or later	Intel	Intel Pentium 4 or later
Memory	2 GB minimum, 4 GB recommended		
Internet connection	Required		

METHODLOGY:

CODE OF THE PROGRAM:

```
import 'package:flutter/cupertino.dart';
import 'package:flutter/material.dart';

void main() {
  runApp(const MaterialApp(
    title: 'Major project',
    home: FirstPage(),
  ));
}

class FirstPage extends StatelessWidget {
  const FirstPage({Key? key}) : super(key: key);
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('MainPage'),
      ),
      body: Center(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: <Widget>[
            const Text('ADITHYA HOLLa K',
              style: TextStyle(fontSize: 40, fontStyle: FontStyle.italic, color: Colors.indigoAccent)),
            Row(
              mainAxisAlignment: MainAxisAlignment.center,
              children: [
                Padding(
                  padding: EdgeInsets.all(16),
                  child: ElevatedButton(
                    child: const Text('Introduction'),
                    onPressed: () {
                      Navigator.push(
                        context,
                        MaterialPageRoute(
                          builder: (context) => const IntroductionPage(),
                        );
                      },
                    ),
                ),
              ],
            ),
          ],
        ),
      ),
    );
  }
}
```

```
Padding(  
  padding: EdgeInsets.all(16),  
  child: ElevatedButton(  
    child: const Text('Education'),  
    onPressed: () {  
      Navigator.push(  
        context,  
        MaterialPageRoute(  
          builder: (context) => const EducationPage()),  
        );  
    },  
  ),  
,  
Padding(  
  padding: EdgeInsets.all(16),  
  child: ElevatedButton(  
    child: const Text('Skills'),  
    onPressed: () {  
      Navigator.push(  
        context,  
        MaterialPageRoute(  
          builder: (context) => const SkillPage()),  
        );  
    },  
  ),  
,  
],  
)  
],  
));  
}  
}
```

```

class IntroductionPage extends StatelessWidget {
  const IntroductionPage({Key? key}) : super(key: key);
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('IntroductionPage'),
      ),
      body: Center(
        child: Column(children: <Widget>[
          const Text(
            " I am ADITHYA HOLLA K . We are 10 members in my family including me. I am native to
            Kundapur. Currently , I am purusing 3rd year at NMAMIT and my graduation is about to complete in next
            couple of years.My strengths are my analytical approach, my appreciable communication,and presentation
            skills. I believe in being realistic. ",
            style: TextStyle(fontSize: 18, fontStyle: FontStyle.normal)),
          Padding(
            padding: EdgeInsets.all(280),
            child: ElevatedButton(
              onPressed: () {
                Navigator.pop(context);
                // //
              },
              child: const Text('Go back!'),
            ),
          ),
        ]));
  }
}

```

```

class EducationPage extends StatelessWidget {
  const EducationPage({Key? key}) : super(key: key);

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('Education Page'),
      ),
      body: Center(
        child:
          Column( children: <
            Widget>[
              const Text(
                ' As I compled my sslc in Sri Venkataramana English Medium school which is held in kundapur. I
                completed my sslc in 2017 by scoring 96%. I completed my puc in Excellent Pu College which was held in
                Sunnari . I passout in 2019 by scoring 95% . I took Biology as my subject in puc. I joined NMAMIT nitte in
                2019 by taking Computer Science Engineering .'
                'Now I am pursing 3rd year. I score 9.34 as Sgpa in my fifth sem.',
                style: TextStyle(fontSize: 22, fontStyle: FontStyle.normal)),
            Center(
              child: Column(children: <Widget>[
                Container(
                  margin: EdgeInsets.all(20),
                  child: Table(
                    defaultColumnWidth: FixedColumnWidth(120.0),
                    border: TableBorder.all(
                      color: Colors.black, style: BorderStyle.solid, width: 2),
                    children: [
                      TableRow(children: [
                        Column(children: [
                          Text('Course/Degree', style: TextStyle(fontSize: 20.0))
                        ]),
                        Column(children: [
                          Text('Name of school and college',
                            style: TextStyle(fontSize: 20.0))
                        ]),
                        Column(children: [
                          Text('Grade obtained', style: TextStyle(fontSize: 20.0))
                        ]),
                        Column(children: [

```

```

        Text('Year of a passing',
            style: TextStyle(fontSize: 20.0))
    ),
    ),
    TableRow(children: [
        Column(children: [Text('3rd year BE')]),
        Column(children: [Text('NMAMIT , Nitte')]),
        Column(children: [Text('8.8')]),
        Column(children: [Text('pursuing')]),
    ]),
    TableRow(children: [
        Column(children: [Text('Pre University')]),
        Column(children: [Text('Excellent Pu College ,Sunnari')]),
        Column(children: [Text('95%')]),
        Column(children: [Text('2019')]),
    ]),
    TableRow(children: [
        Column(children: [Text('SSLC')]),
        Column(children: [
            Text('Sri Venkataramana English Medium School , Kundapur')
        ]),
        Column(children: [Text('96%')]),
        Column(children: [Text('2017')]),
    ]),
    ],
    ),
    ),
    ])),
    Padding(
        padding: EdgeInsets.all(100),
        child: ElevatedButton(
            onPressed: () {
                Navigator.pop(context);
                // //
            },
            child: const Text('Go back!'),
        ),
    ),
    ]));
}
}

```

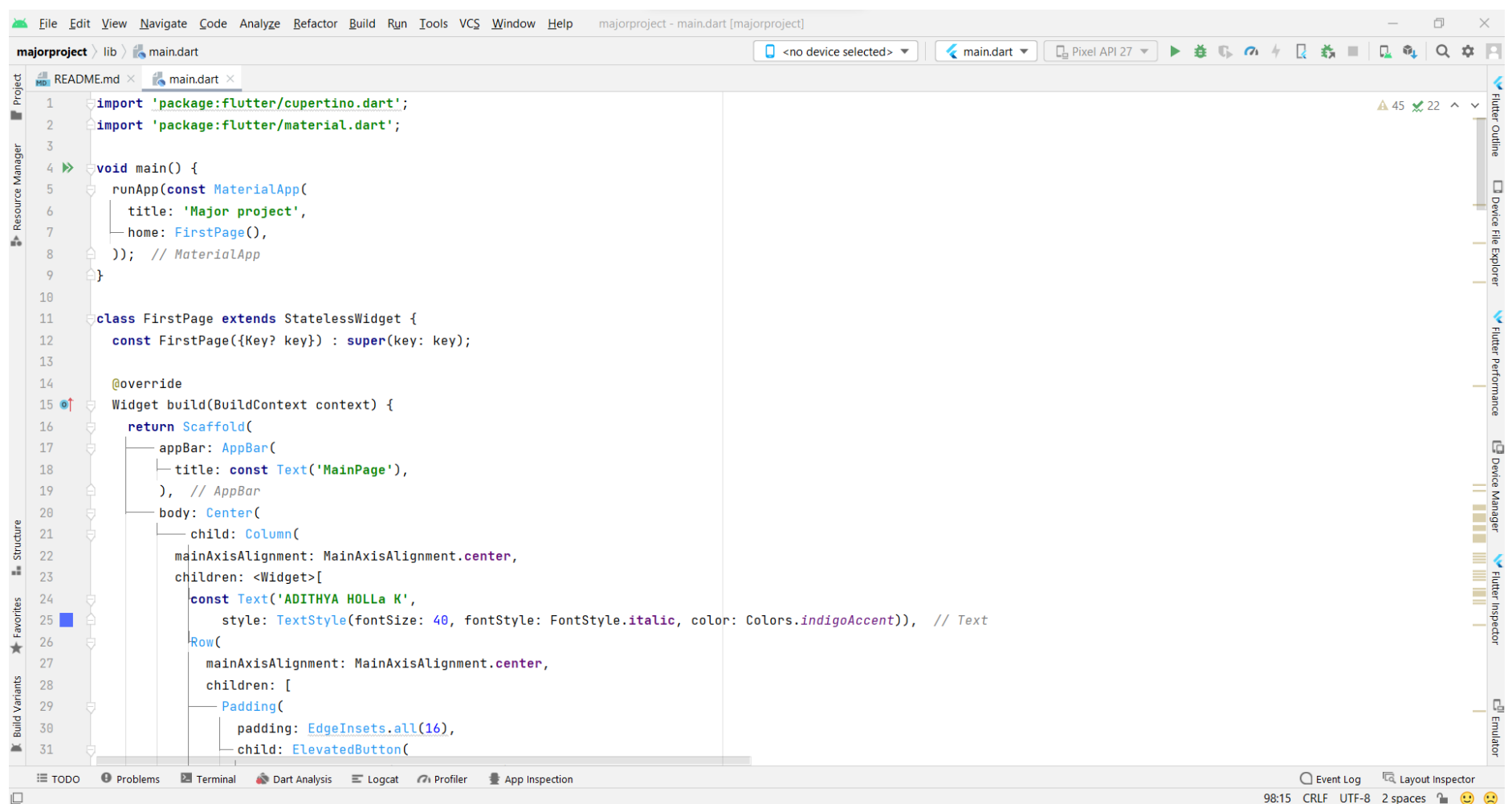
```

class SkillPage extends StatelessWidget {
  const SkillPage({Key? key}) : super(key: key);

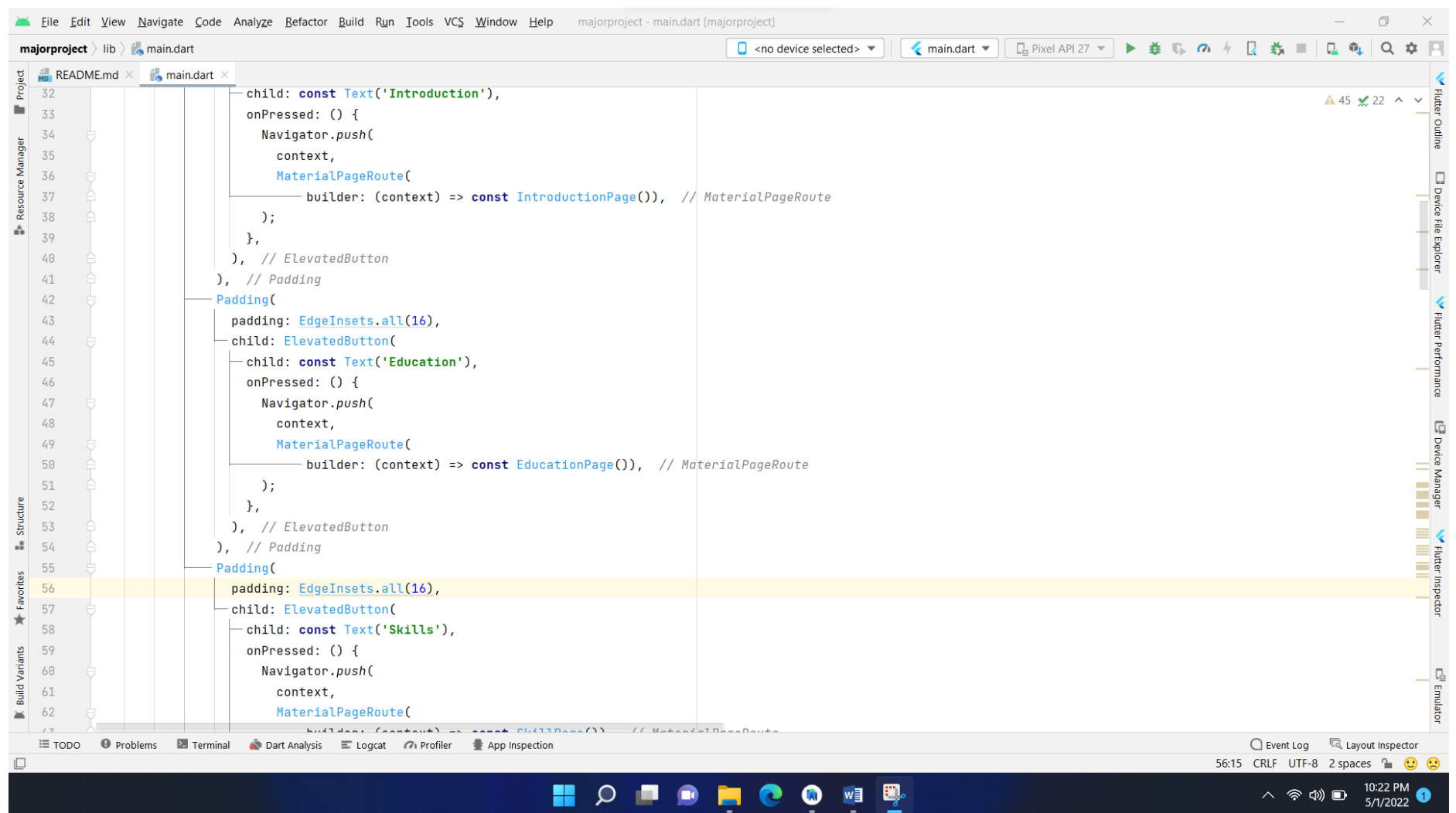
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('Skill Page'),
      ),
      body: Center(
        child: Column(children: <Widget>[
          const Text(' I have skills like:"Leadership experience ,Communication skills ,Organizational skills ,Time
management , Computer proficiency, Problem Solving skills,'Team work and
collaboration,'Criticalthinking,Interpersonal skills,Working well.',
          style: TextStyle(fontSize: 20, fontStyle: FontStyle.normal)),
          Padding(
            padding: EdgeInsets.all(285),
            child: ElevatedButton(
              onPressed: () {
                Navigator.pop(context);
                // //
              },
              child: const Text('Go back!'),
            ),
          ),
        ]));
  }
}

```

Screenshot of the code:



```
1 import 'package:flutter/cupertino.dart';
2 import 'package:flutter/material.dart';
3
4 void main() {
5   runApp(const MaterialApp(
6     title: 'Major project',
7     home: FirstPage(),
8   )); // MaterialApp
9 }
10
11 class FirstPage extends StatelessWidget {
12   const FirstPage({Key? key}) : super(key: key);
13
14   @override
15   Widget build(BuildContext context) {
16     return Scaffold(
17       appBar: AppBar(
18         title: const Text('MainPage'),
19       ), // AppBar
20       body: Center(
21         child: Column(
22           mainAxisAlignment: MainAxisAlignment.center,
23           children: <Widget>[
24             const Text('ADITHYA HOLLA K',
25               style: TextStyle(fontSize: 40, fontStyle: FontStyle.italic, color: Colors.indigoAccent)), // Text
26             Row(
27               mainAxisAlignment: MainAxisAlignment.center,
28               children: [
29                 Padding(
30                   padding: EdgeInsets.all(16),
31                   child: ElevatedButton(
```



```
32 child: const Text('Introduction'),
33   onPressed: () {
34     Navigator.push(
35       context,
36       MaterialPageRoute(
37         builder: (context) => const IntroductionPage(), // MaterialPageRoute
38       ),
39     ), // ElevatedButton
40   ), // Padding
41 ), // Padding
42 Padding(
43   padding: EdgeInsets.all(16),
44   child: ElevatedButton(
45     child: const Text('Education'),
46     onPressed: () {
47       Navigator.push(
48         context,
49         MaterialPageRoute(
50           builder: (context) => const EducationPage(), // MaterialPageRoute
51         ),
52       ), // ElevatedButton
53     ), // Padding
54   ), // Padding
55   Padding(
56     padding: EdgeInsets.all(16),
57     child: ElevatedButton(
58       child: const Text('Skills'),
59       onPressed: () {
60         Navigator.push(
61           context,
62           MaterialPageRoute(
```



```

62 | MaterialPageRoute(
63 |   builder: (context) => const SkillPage()), // MaterialPageRoute
64 | );
65 | },
66 | ), // ElevatedButton
67 | ), // Padding
68 | ],
69 | ) // Row
70 | ], // <Widget>[]
71 | )); // Column, Center, Scaffold
72 | }
73 | }
74 |
75 | class IntroductionPage extends StatelessWidget {
76 |   const IntroductionPage({Key? key}) : super(key: key);
77 |   @override
78 |   Widget build(BuildContext context) {
79 |     return Scaffold(
80 |       appBar: AppBar(
81 |         title: const Text('IntroductionPage'),
82 |       ), // AppBar
83 |       body: Center(
84 |         child: Column(children: <Widget>[
85 |           const Text(
86 |             " I am ADITHYA HOLLA K . We are 10 members in my family including me. I am native to Kundapur." Currently , I am purusing 3rd year at NMAMIT "
87 |             "and my graduation is about to complete in next couple of years."My strengths are my analytical approach, my appreciable communication,and"
88 |             " presentation skills. "I believe in being realistic. ",
89 |             style: TextStyle(fontSize: 18, fontStyle: FontStyle.normal)), // Text
90 |           Padding(
91 |             padding: EdgeInsets.all(280),
92 |             child: ElevatedButton(

```

```

92 | child: ElevatedButton(
93 |   onPressed: () {
94 |     Navigator.pop(context);
95 |     // //
96 |   },
97 |   child: const Text('Go back!'),
98 | ), // ElevatedButton
99 | ), // Padding
100 | )); // <Widget>[], Column, Center, Scaffold
101 | }
102 | }
103 |
104 | class EducationPage extends StatelessWidget {
105 |   const EducationPage({Key? key}) : super(key: key);
106 |
107 |   @override
108 |   Widget build(BuildContext context) {
109 |     return Scaffold(
110 |       appBar: AppBar(
111 |         title: const Text('Education Page'),
112 |       ), // AppBar
113 |       body: Center(
114 |         child:
115 |         Column( children: <
116 |           Widget>[
117 |             const Text(
118 |               ' As I compled my sslc in Sri Venkataramana English Medium school which is held in kundapur. I completed my sslc in 2017 by scoring 96%. I completed my puc in Exc
119 |               'Now I am pursing 3rd year. I score 9.34 as Sgpa in my fifth sem.',
120 |               style: TextStyle(fontSize: 22, fontStyle: FontStyle.normal)), // Text
121 |             Center(
122 |               child: Column(children: <Widget>[

```

The screenshot shows an IDE window titled "majorproject - main.dart [majorproject]". The code defines a `Container` widget with a `Table` child. The table has a fixed column width of 120.0 and a black border. It contains three rows of data. The first row has headers for Course/Degree, Name of school and college, Grade obtained, and Year of a passing. The second row contains data for '3rd year BE', 'NMAMIT, Nitte', '8.8', and 'pursuing'. The third row contains data for 'Pre University', 'Excellent Pu College, Sunnari', '95%', and '2019'. The code is as follows:

```

123 Container(
124   margin: EdgeInsets.all(20),
125   child: Table(
126     defaultColumnWidth: FixedColumnWidth(120.0),
127     border: TableBorder.all(
128       color: Colors.black, style: BorderStyle.solid, width: 2), // TableBorder.all
129     children: [
130       TableRow(children: [
131         Column(children: [
132           Text('Course/Degree', style: TextStyle(fontSize: 20.0))
133         ]), // Column
134         Column(children: [
135           Text('Name of school and college',
136             style: TextStyle(fontSize: 20.0)) // Text
137         ]), // Column
138         Column(children: [
139           Text('Grade obtained', style: TextStyle(fontSize: 20.0))
140         ]), // Column
141         Column(children: [
142           Text('Year of a passing',
143             style: TextStyle(fontSize: 20.0)) // Text
144         ]), // Column
145       ]), // TableRow
146       TableRow(children: [
147         Column(children: [Text('3rd year BE')]),
148         Column(children: [Text('NMAMIT , Nitte')]),
149         Column(children: [Text('8.8')]),
150         Column(children: [Text('pursuing')]),
151       ]), // TableRow
152       TableRow(children: [
153         Column(children: [Text('Pre University')]),
154         Column(children: [Text('Excellent Pu College, Sunnari')]),
155         Column(children: [Text('95%')]),
156         Column(children: [Text('2019')]),
157       ]), // TableRow
158     ],
159   ), // Table
160 ), // Container
161 ), // <Widget>[], Column, Center
162 ), // Padding
163 ), // ElevatedButton
164 ), // Scaffold
165 ), // MaterialApp
166 ), // runApp
167 ), // main
168 ), // runApp
169 ), // runApp
170 ), // runApp
171 ), // runApp
172 ), // runApp
173 ), // runApp
174 ), // runApp
175 ), // runApp
176 ), // runApp
177 ), // runApp
178 ), // runApp
179 ), // runApp
180 ), // runApp
181 ), // runApp
182 ), // runApp
183 ), // runApp

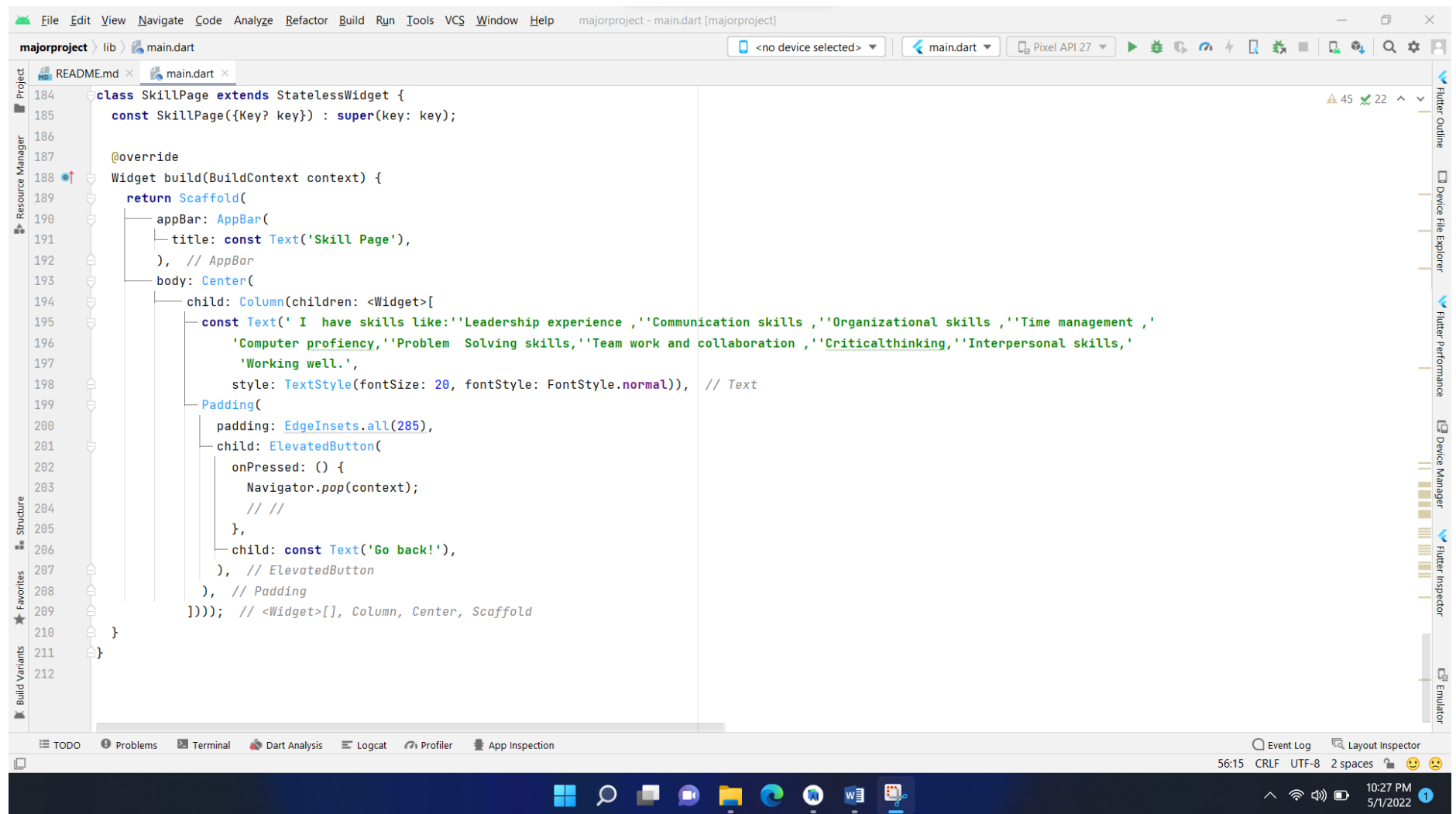
```

The screenshot shows the same IDE window, but the code is now defining a `Padding` widget with an `ElevatedButton` child. The button has a padding of 100 and a text label 'Go back!'. The code is as follows:

```

153 Column(children: [Text('Pre University')]),
154 Column(children: [Text('Excellent Pu College ,Sunnari')]),
155 Column(children: [Text('95%')]),
156 Column(children: [Text('2019')]),
157 ], // TableRow
158 TableRow(children: [
159   Column(children: [Text('SSLC')]),
160   Column(children: [
161     Text('Sri Venkataramana English Medium School , Kundapur')
162   ]), // Column
163   Column(children: [Text('96%')]),
164   Column(children: [Text('2017')]),
165 ], // TableRow
166 ], // Table
167 ), // Container
168 ), // <Widget>[], Column, Center
169 ), // Padding
170 ), // ElevatedButton
171 ), // Scaffold
172 ), // MaterialApp
173 ), // runApp
174 ), // runApp
175 ), // runApp
176 ), // runApp
177 ), // runApp
178 ), // runApp
179 ), // runApp
180 ), // runApp
181 ), // runApp
182 ), // runApp
183 ), // runApp

```



```

import 'package:flutter/cupertino.dart';
import 'package:flutter/material.dart';

```

```

void main() {
  runApp(const MaterialApp(
    title: 'Major project',
    home: FirstPage(),
  ));
}

```

```

class FirstPage extends StatelessWidget {
  const FirstPage({Key? key}) : super(key: key);

```

```

@override

```

```

Widget build(BuildContext context) {
  return Scaffold(
    appBar: AppBar(
      title: const Text('MainPage'),
    ),
    body: Center(
      child: Column(
        mainAxisAlignment: MainAxisAlignment.center,
        children: <Widget>[
          const Text('ADITHYA HOLLa K',
            style: TextStyle(fontSize: 40, fontStyle: FontStyle.italic, color: Colors.indigoAccent)),
          Row(
            mainAxisAlignment: MainAxisAlignment.center,
            children: [
              Padding(
                padding: EdgeInsets.all(16),
                child: ElevatedButton(
                  child: const Text('Introduction'),
                  onPressed: () {
                    Navigator.push(
                      context,
                      MaterialPageRoute(
                        builder: (context) => const IntroductionPage()),

```

```

        );
      },
    ),
  ),
  Padding(
    padding: EdgeInsets.all(16),
    child: ElevatedButton(
      child: const Text('Education'),
      onPressed: () {
        Navigator.push(
          context,
          MaterialPageRoute(
            builder: (context) => const EducationPage(),
          ),
        );
      },
    ),
  ),
  Padding(
    padding: EdgeInsets.all(16),
    child: ElevatedButton(
      child: const Text('Skills'),
      onPressed: () {
        Navigator.push(
          context,
          MaterialPageRoute(
            builder: (context) => const SkillPage(),
          ),
        );
      },
    ),
  ),
],
)
],
));
}
}

```

```

class IntroductionPage extends StatelessWidget {
  const IntroductionPage({Key? key}) : super(key: key);
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('IntroductionPage'),
      ),
      body: Center(
        child: Column(children: <Widget>[
          const Text(
            'I am ADITHYA HOLLA K . We are 10 members in my family including me. I am native to Kundapur. Currently , I am
            purusing 3rd year at NMAMIT and my graduation is about to complete in next couple of years. My strengths are my
            analytical approach, my appreciable communication, presentation skills. ""I believe in being realistic. ',
            style: TextStyle(fontSize: 18, fontStyle: FontStyle.normal)),
          Padding(
            padding: EdgeInsets.all(280),
            child: ElevatedButton(
              onPressed: () {
                Navigator.pop(context);
                ///
              },
              child: const Text('Go back!'),
            ),

```

```

    ),
  ]));
}
}

```

```

class EducationPage extends StatelessWidget {
  const EducationPage({Key? key}) : super(key: key);

```

```

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('Education Page'),
      ),
      body: Center(
        child:
          Column( children: <
            Widget>[
              const Text(
                ' As I compled my sslc in Sri Venkataramana English Medium school which is held in kundapur. I completed my
                sslc in 2017 by scoring 96%. I completed my puc in Excellent Pu College which was held in Sunnari . I passout in 2019 by
                scoring 95% . I took Biology as my subject in puc. I joined NMAMIT nitte in 2019 by taking Computer Science Engineering .'
                'Now I am pursing 3rd year. I score 9.34 as Sgpa in my fifth sem.',
                style: TextStyle(fontSize: 22, fontStyle: FontStyle.normal)),
              Center(
                child: Column(children: <Widget>[
                  Container(
                    margin: EdgeInsets.all(20),
                    child: Table(
                      defaultColumnWidth: FixedColumnWidth(120.0),
                      border: TableBorder.all(
                        color: Colors.black, style: BorderStyle.solid, width: 2),
                      children: [
                        TableRow(children: [
                          Column(children: [
                            Text('Course/Degree', style: TextStyle(fontSize: 20.0))
                          ]),
                          Column(children: [
                            Text('Name of school and college',
                              style: TextStyle(fontSize: 20.0))
                          ]),
                          Column(children: [
                            Text('Grade obtained', style: TextStyle(fontSize: 20.0))
                          ]),
                          Column(children: [
                            Text('Year of a passing',
                              style: TextStyle(fontSize: 20.0))
                          ]),
                        ]),
                        TableRow(children: [
                          Column(children: [Text('3rd year BE')]),
                          Column(children: [Text('NMAMIT , Nitte')]),
                          Column(children: [Text('8.8')]),
                          Column(children: [Text('pursuing')]),
                        ]),
                        TableRow(children: [
                          Column(children: [Text('Pre University')]),
                          Column(children: [Text('Excellent Pu College ,Sunnari')]),
                          Column(children: [Text('95%')]),
                          Column(children: [Text('2019')]),
                        ]),
                      ],
                    ),
                  ),
                ],
              ),
            ],
          ),
      ),
    );
  }
}

```

```

        TableRow(children: [
          Column(children: [Text('SSLC')]),
          Column(children: [
            Text('Sri Venkataramana English Medium School , Kundapur')
          ]),
          Column(children: [Text('96%')]),
          Column(children: [Text('2017')]),
        ]),
      ],
    ),
  ),
]));
Padding(
  padding: EdgeInsets.all(100),
  child: ElevatedButton(
    onPressed: () {
      Navigator.pop(context);
      ///
    },
    child: const Text('Go back!'),
  ),
),
]));
}
}

```

```

class SkillPage extends StatelessWidget {
  const SkillPage({Key? key}) : super(key: key);

```

```

  @override

```

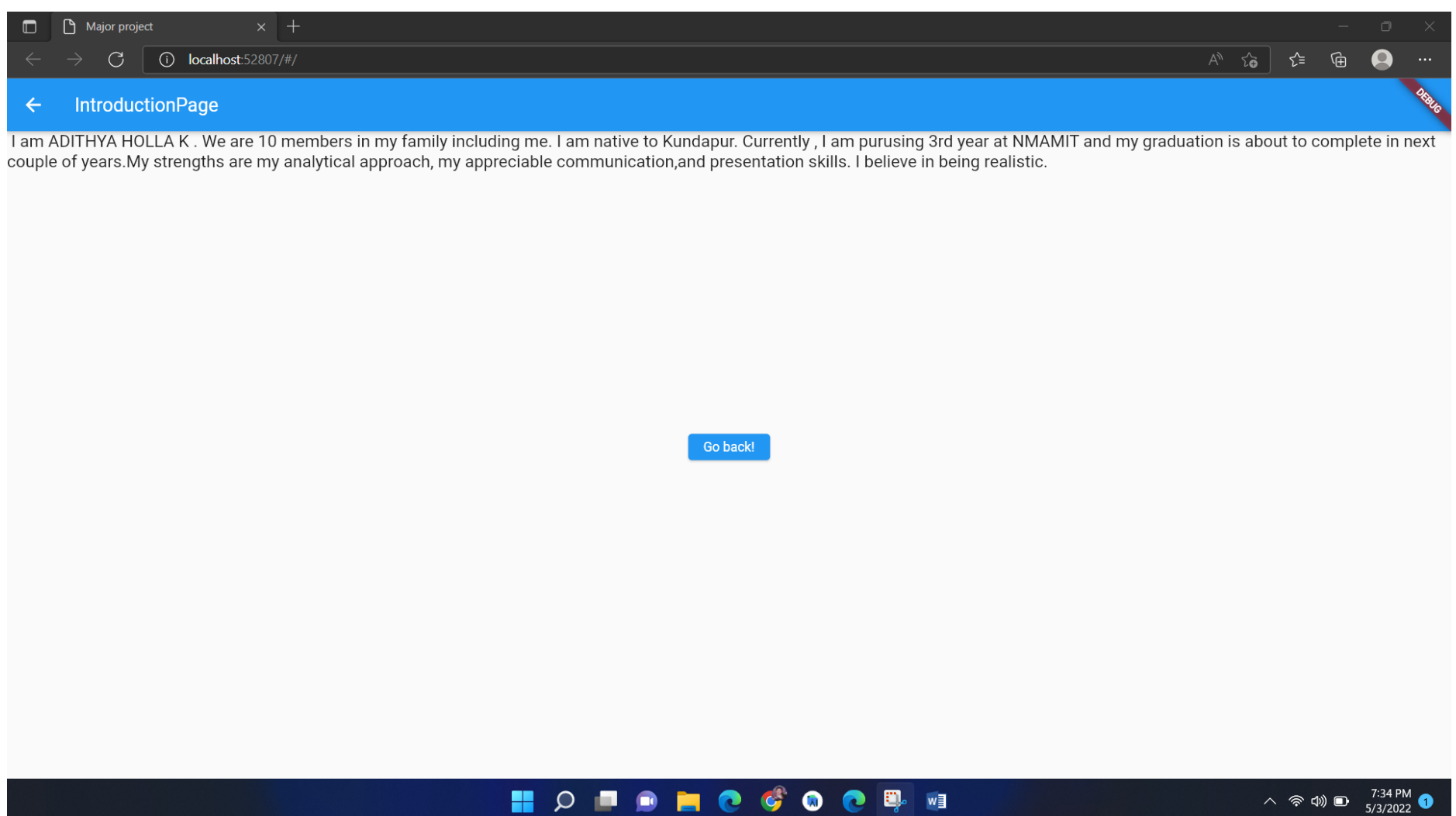
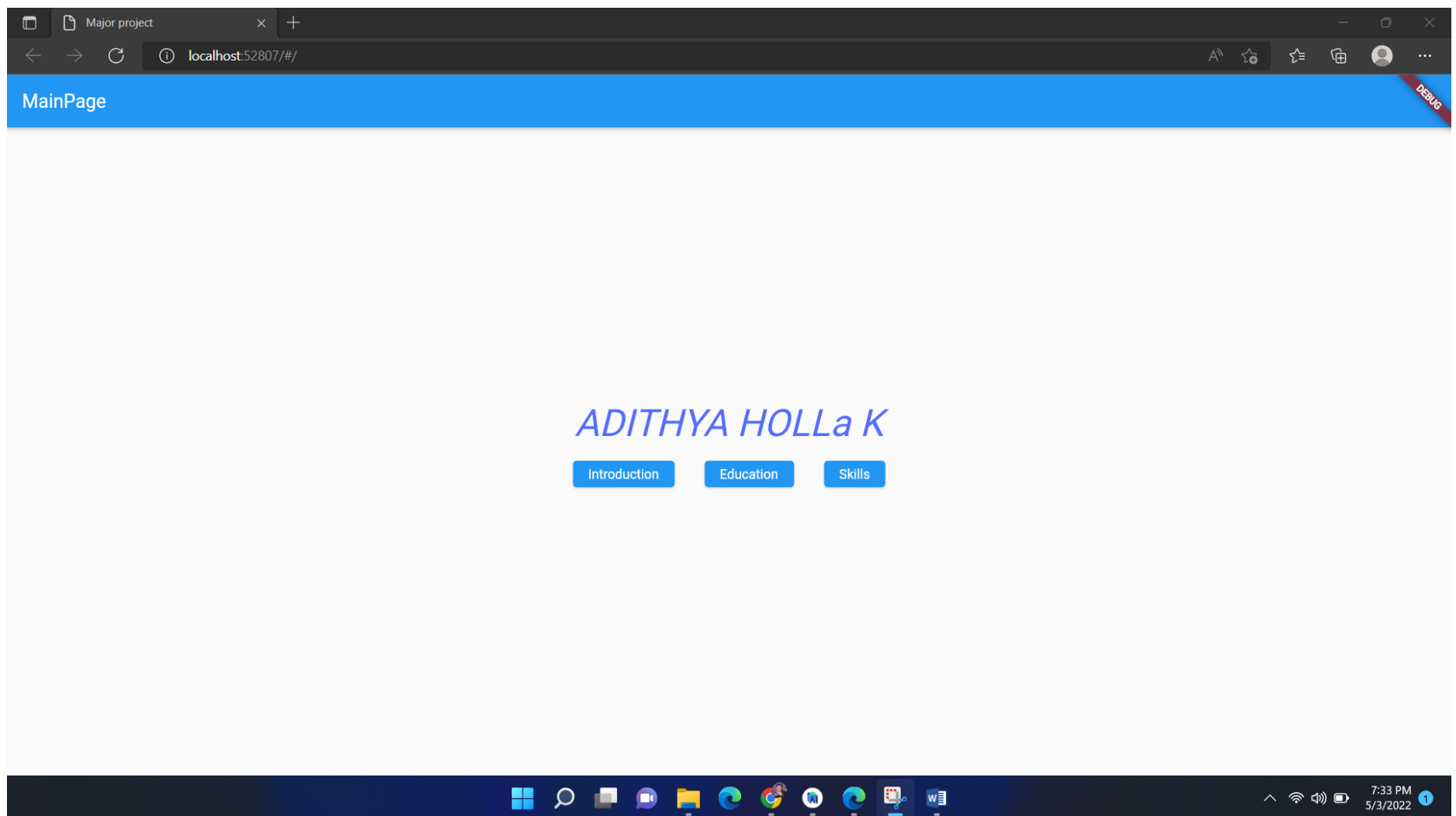
```

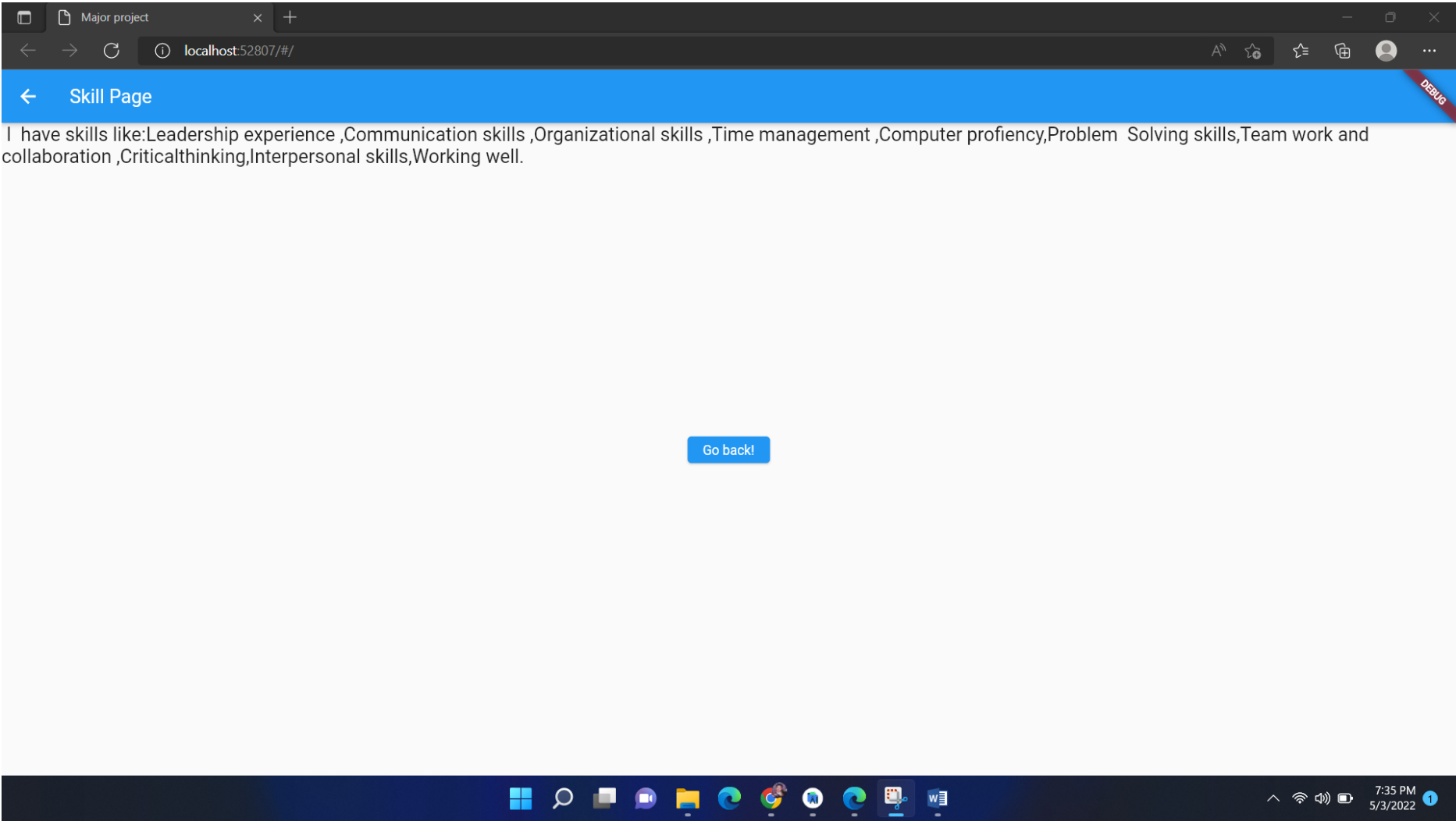
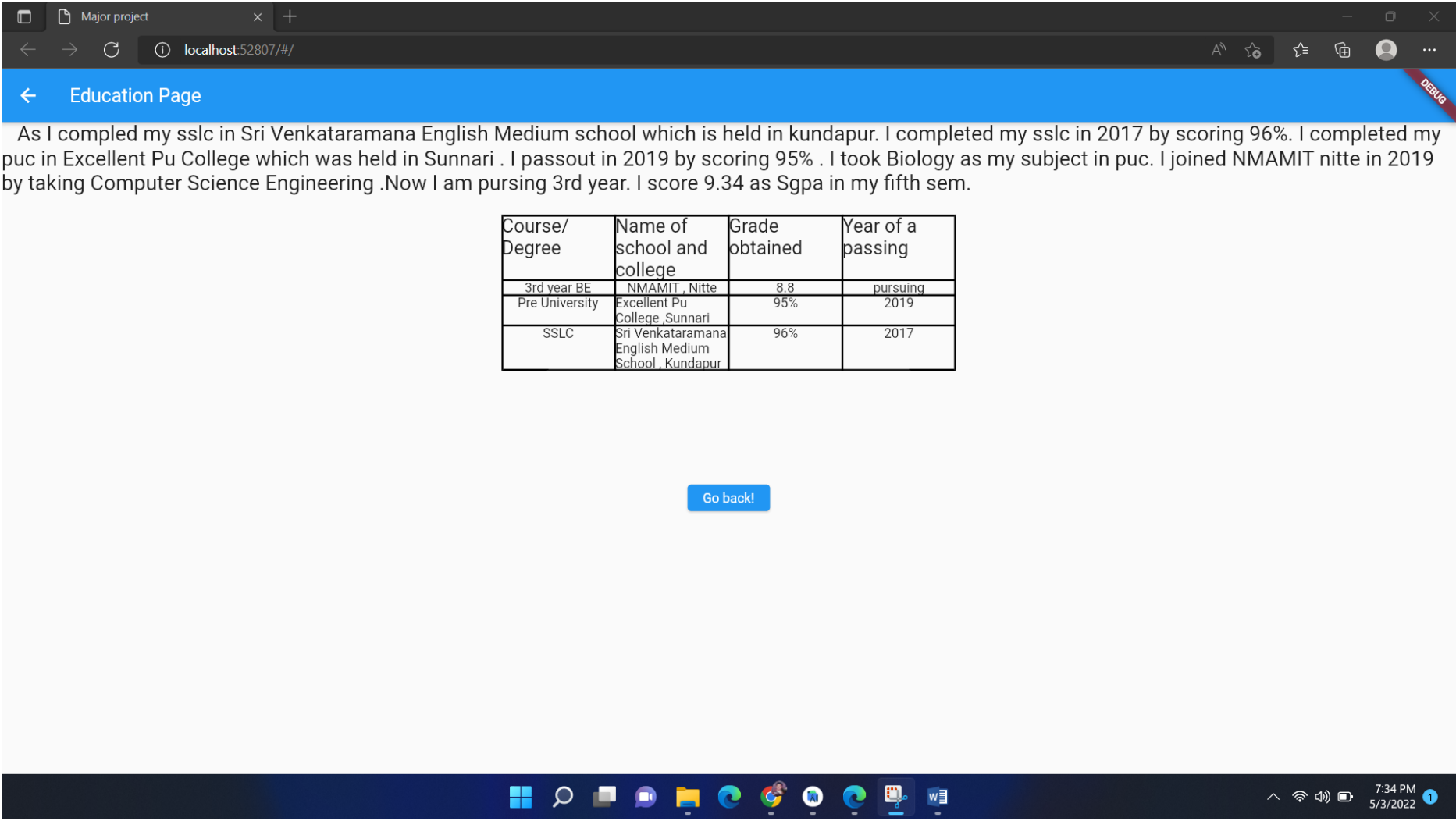
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('Skill Page'),
      ),
      body: Center(
        child: Column(children: <Widget>[
          const Text(' I have skills like: 'Leadership experience , "Communication skills , "Organizational skills , "Time
management , 'Computer proficiency, "Problem Solving skills, "Team work and collaboration , "Criticalthinking, "Interpersonal
skills, "Working well.',
          style: TextStyle(fontSize: 20, fontStyle: FontStyle.normal)),

          Padding(
            padding: EdgeInsets.all(285),
            child: ElevatedButton(
              onPressed: () {
                Navigator.pop(context);
                ///
              },
              child: const Text('Go back!'),
            ),
          ),
        ]));
  }
}

```

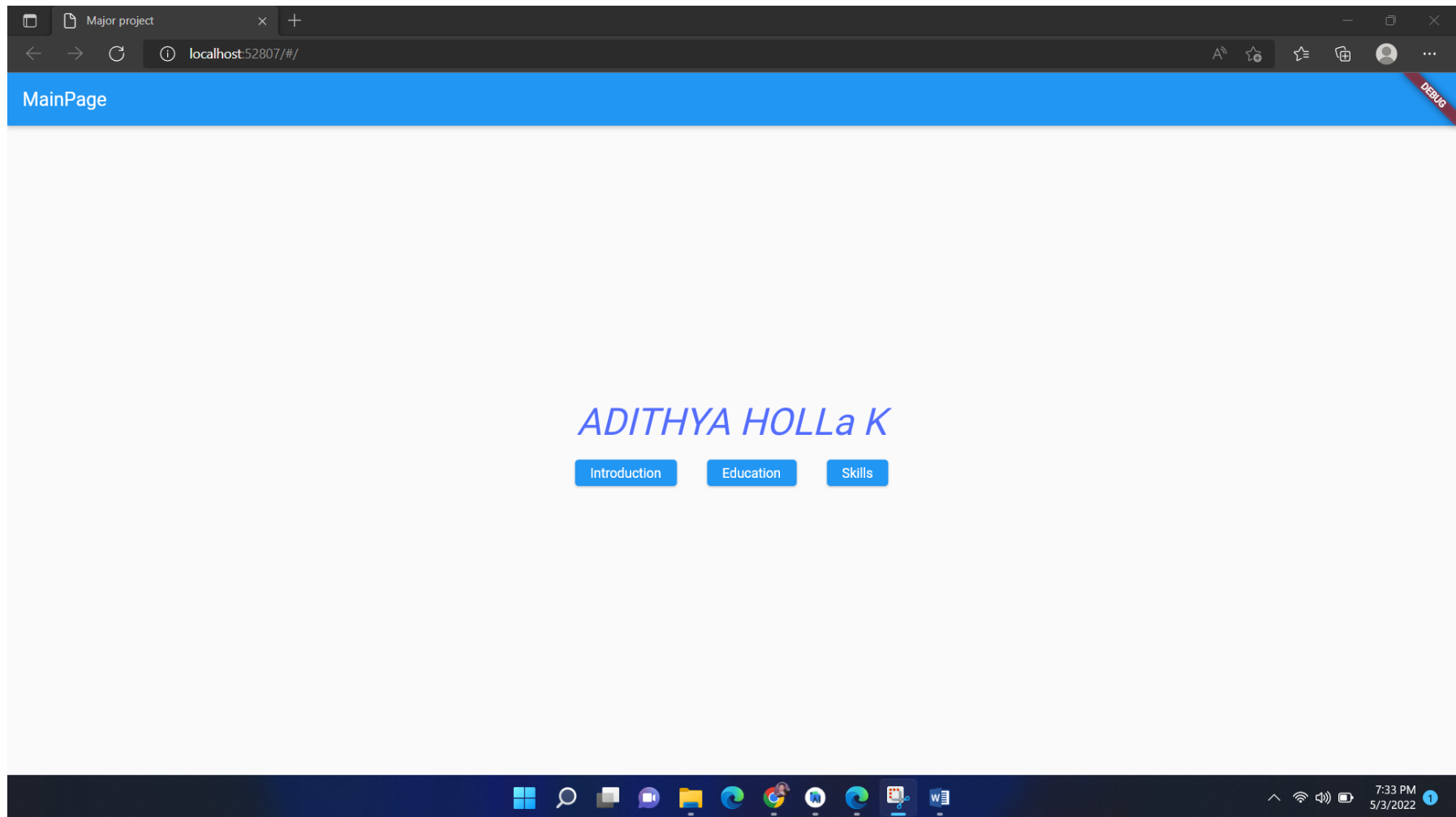

OUTPUT SCREEN RESULT:



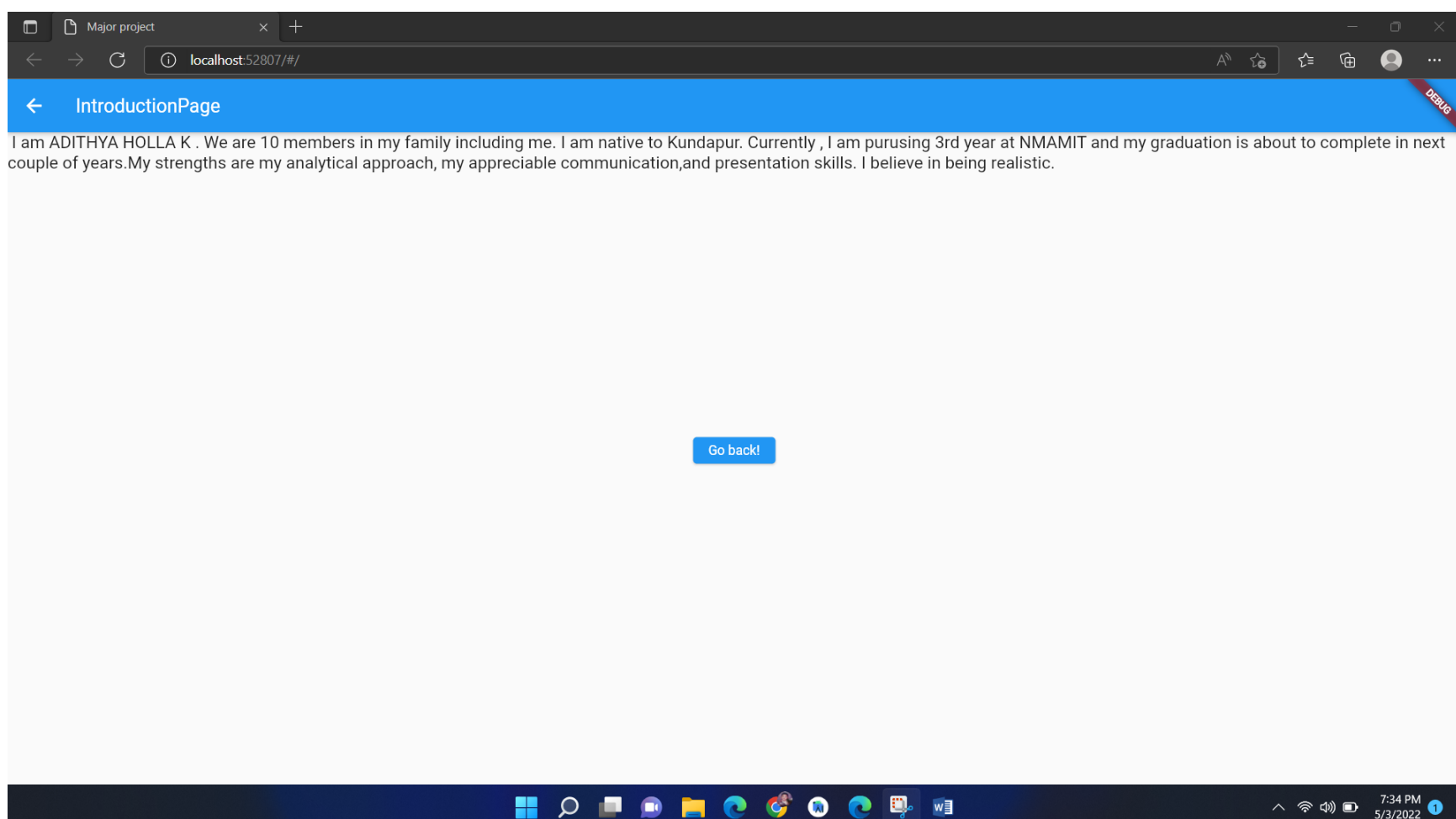


DESCRIPTION OF OUTPUT SCREEN:

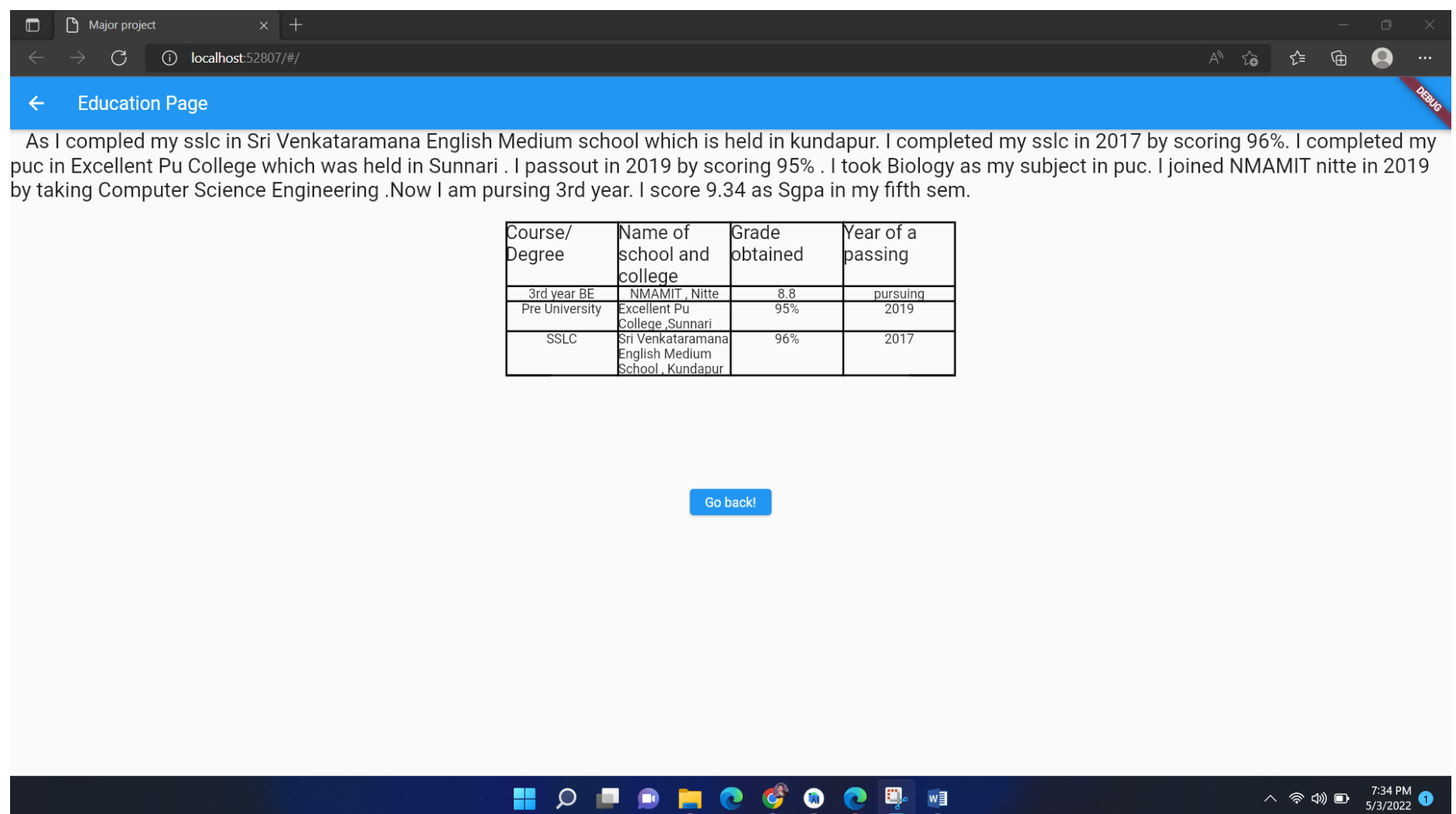
This is the main page of the project where the name is at center . this page is consist of 3 button namely introduction , Education , skill button. In this page by using the button the user can click any button and it load it respective page also the user can return to the main page. The user can go to respective page by using navigator push option.



This is the introduction page where the user navigate from the main page to this page by using navigator push option , where the user clicked on the introduction button , as soon as the user clicked this button the page navigate to the introduction page. The user also can come to main page by clicking go back button .this return to main page.



This is the Education page where the user navigate from the main page to this page by using navigator push option , where the user clicked on the Education button , as soon as the user clicked this button the page navigate to the Education page. The user also can come to main page by clicking go back button .this return to main page.



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