Step-by-step explanation of this code and output screenshots.

- **Code:**

```
<!DOCTYPE html>

<html>

<head>

<title>My Introduction</title>

<style>

body {

background-color: #f0f8ff;

font-family: "Segoe UI", Arial, sans-serif;

text-align: center;

}

h1 {

color: #030303;

margin-top: 50px;

}

.box {

background-color: white;

width: 60%;

margin: 30px auto;

padding: 25px;

border: 2px solid #2c3e50;

border-radius: 10px;

}
```

```
.box:hover {

background-color: #eaf2f8;

}

p {

color: #000000;

font-size: 18px;

text-align: justify;

}

</style>

</head>

<body>

<!-- This is my introduction webpage -->

<h1>....Self Introduction....</h1> <!-- H1 is now OUTSIDE the box -->

<div class="box">

<p>

Hello I am Siddhi Phase and I am from Pune. I recently graduated my bachelors degree in
Information Technology.

I also good knowledge of C, C++, Java, HTML, CSS. I enjoy listening to music, I like to
capture interesting

pictures and also making tasty food. Thank you!

</p>

</div>

</body>

</html>
```

- **Explanation of this code :**

1. <!DOCTYPE html>
   — Tells the browser this file is HTML5. It makes sure the page uses modern HTML rules.
2. <html>
   — Starts the whole HTML document. Everything goes between <html> and </html>.
3. <head>
   — The head contains page info (title, styles). Content here is not shown directly on the page.
4. <title>My Introduction</title>
   — The title shown on the browser tab: My Introduction.
5. (blank line)
   — Just for readability in the file; it does nothing.
6. <style>
   — Starts a block of CSS (styles) written inside the HTML file.
7. body {
   — Begin styles for the <body> element (the visible page area).
8. background-color: #f0f8ff;
   — Makes the page background a very light blue.
9. font-family: "Segoe UI", Arial, sans-serif;
   — Sets the fonts to use. If "Segoe UI" isn't available, it falls back to Arial, then any sans-serif font.
10. text-align: center;
    — Centers inline content (like the heading) horizontally by default.
11. }
    — Ends the body style block.
12. (blank line)
13. h1 {
    — Begin styles for the main heading <h1>.
14. color: #030303;
    — Sets the heading color to nearly black.
15. margin-top: 50px;
    — Adds 50 pixels of space above the heading to push it down.
16. }
    — Ends the h1 style block.
17. (blank line)
18. .box {
    — Begin styles for any element with class box (your <div class="box">).
19. background-color: white;
    — Sets the box background to white (note: later another .box rule appears and changes this).
20. width: 60%;
    — Makes the box take 60% of the page width.
21. margin: 30px auto;
    — Adds 30px space above/below the box and auto left/right centers it horizontally.
22. padding: 25px;
    — Adds 25px of space inside the box around its content.
23. border: 2px solid #2c3e50;
    — Gives the box a 2px solid border in a dark blue/gray color.

24. border-radius: 10px;
   — Rounds the box corners by 10px.
25. }
   — Ends this .box style block.
26. (blank line)
27. .box {
   — **Another .box rule starts here.** CSS applies rules in order; later rules can override earlier ones.
28. background-color: #eaf2f8;
   — This changes the box background to a very light blue. Because this rule comes after the earlier .box block, it **overrides** the earlier background-color: white;. So the final box background will be #eaf2f8.
29. }
   — Ends the second .box block.
30. (blank line)
31. p {
   — Begin styles for the paragraph <p>.
32. color: #000000;
   — Makes paragraph text black.
33. font-size: 18px;
   — Sets paragraph text size to 18 pixels.
34. text-align: justify;
   — Justifies the paragraph so text lines stretch to both left and right margins (neat edges).
35. }
   — Ends the p style block.
36. </style>
   — Ends the CSS block.
37. </head>
   — Closes the head section.
38. <body>
   — Starts the page content that the user sees in the browser.
39. (blank line)
40. <!-- This is my introduction webpage -->
   — An HTML comment. It is ignored by the browser and only helps people reading the code.
41. (blank line)
42. <h1>....Self Introduction....</h1> <!-- H1 is now OUTSIDE the box -->
   — A big heading shown on the page. The inline comment reminds you the heading is placed outside the box container.
43. (blank line)
44. <div class="box">
   — A div (container) with class box. It gets the .box styles defined above (centered, padded, bordered, light blue background).
45. <p>
   — Starts the paragraph inside the box.

46–48. The paragraph text lines:
   — Your self-introduction content. The browser displays them as one paragraph and applies the p styles (black, 18px, justified).

49. </p>
   — Closes the paragraph.
50. </div>
   — Closes the .box container.
51. (blank line)
52. </body>
   — Ends the visible page content.
53. </html>
   — Ends the HTML document.

- **Screenshot:**