

Project Development Phase
Utilization of Algorithms, Dynamic Programming, Optimal memory utilization

Date	04 November 2023
Team Id	NM2023TMID02678
Project Name	How to create a Landing page in Hubspot

Utilization of Algorithms:

HTML Code:

```
<!DOCTYPE html>

<html>

<head>

<title>My Landing Page</title>

<meta charset="utf-8">

<link rel="stylesheet" href="/css/style.css">

<script type="text/javascript" src="https://js.hs-
scripts.com/6000000/hs.js"></script>

</head>

<body>

<header>

<h1>My Landing Page</h1>

</header>

<main>

<section id="hero">
```

<h2>Headline 1</h2>

<p>This is the main content section of my landing page.</p>

</section>

<section id="benefits">

<h2>Benefits</h2>

Benefit 1

Benefit 2

Benefit 3

</section>

<section id="cta">

<h2>Call to Action</h2>

<form action="/submit-form" method="post">

<input type="text" name="userFullName" placeholder="Your name">

<input type="email" name="userEmailAddress" placeholder="Your email address">

<button type="submit">Submit</button>

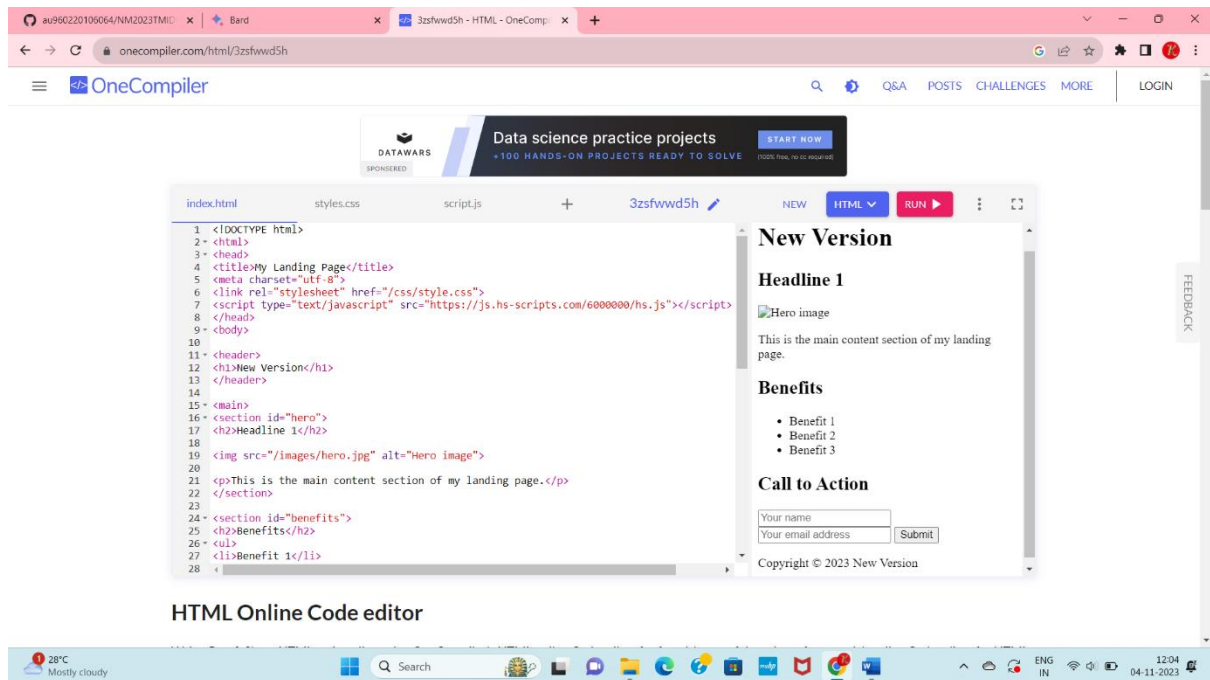
</form>

<script type="text/javascript">

// This script will split the traffic between the two versions of the headline

```
hbspt.forms.create({  
  
portalId: 'YOUR_PORTAL_ID',  
  
formId: 'YOUR_FORM_ID',  
  
target: '#cta form',  
  
variations: {  
  
'headline': {  
  
'control': 'Headline 1',  
  
'variant': 'Headline 2'  
  
}  
  
}  
  
});  
  
</script>  
  
</section>  
  
</main>  
  
<footer>  
  
<p>Copyright &copy; 2023 My Company</p>  
  
</footer>  
  
</body>  
  
</html>
```

Output:



Dynamic Programming:

HTML Code:

<!DOCTYPE html>

<html>

<head>

<title>My Landing Page</title>

<meta charset="utf-8">

<link rel="stylesheet" href="/css/style.css">

<script type="text/javascript" src="https://js.hs-scripts.com/6000000/hs.js"></script>

</head>

<body>

<header>

<h1>My Landing Page</h1>

</header>

```

<main>
<section id="hero">
  {{ module 'hero' }}
</section>
<section id="benefits">
  {{ module 'benefits' }}
</section>
<section id="cta">
  {{ module 'cta' }}
</section>
</main>
<footer>
<p>Copyright &copy; 2023 My Company</p>
</footer>
</body>
</html>

```

Output:

The screenshot shows the OneCompiler online code editor interface. The code editor on the left contains the HTML code provided in the previous block. The preview window on the right shows the rendered output of the code. The output is a simple landing page with the following structure:

- Header:** A heading "My Landing Page".
- Body:** Three sections:
 - Hero:** A section with the placeholder "{{ module 'hero' }}" (Note: the image shows "hero" instead of "hero" as in the code).
 - Benefits:** A section with the placeholder "{{ module 'benefits' }}" (Note: the image shows "benefits" instead of "benefits" as in the code).
 - CTA:** A section with the placeholder "{{ module 'cta' }}" (Note: the image shows "cta" instead of "cta" as in the code).
- Footer:** A line of text "Copyright © 2023 My Company".

The browser window shows the URL "onecompiler.com/html/3zsfwwd5h". The system tray at the bottom indicates a temperature of 28°C and a date of 04-11-2023.

The hero module might contain the following code:

```
<section id="hero">  
<h2>Headline</h2>  
  
<p>This is the main content section of my landing page.</p>  
</section>
```

The benefits module might contain the following code:

```
<section id="benefits">  
<h2>Benefits</h2>  
<ul>  
<li>Benefit 1</li>  
<li>Benefit 2</li>  
<li>Benefit 3</li>  
</ul>  
</section>
```

Optimal memory Utilization:

Code:

```
{% module 'hero' %}  
<h2>Headline</h2>  
  
<p>This is the main content section of my landing page.</p>  
{% endmodule %}
```