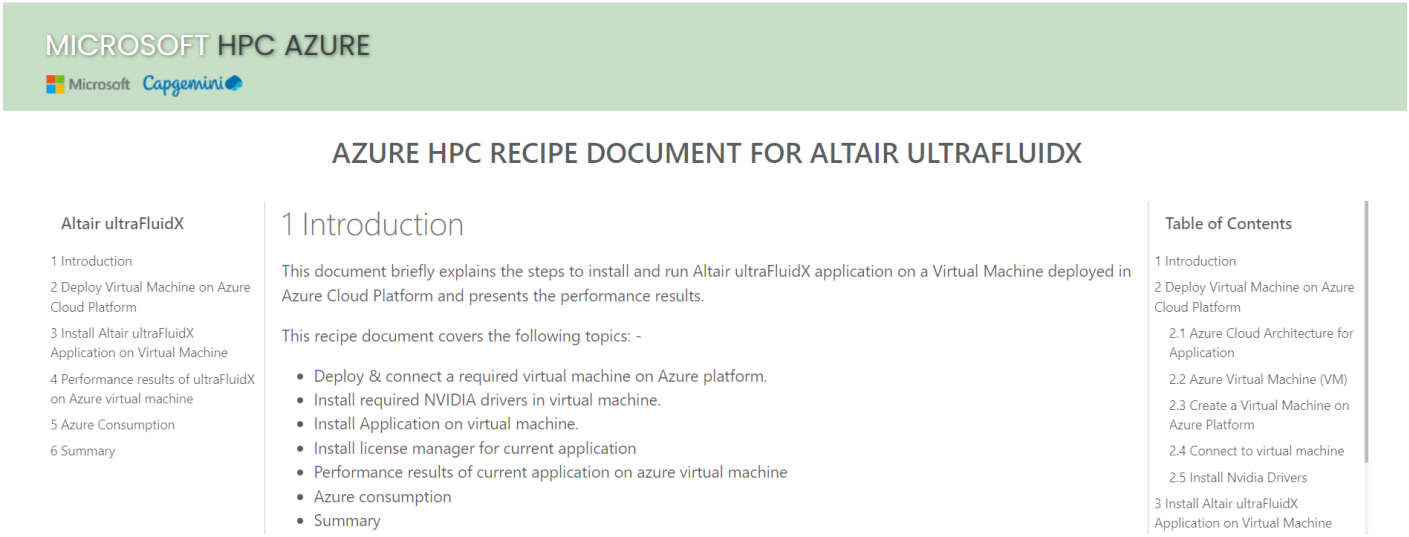
Documentation on Word to HTML (Report)

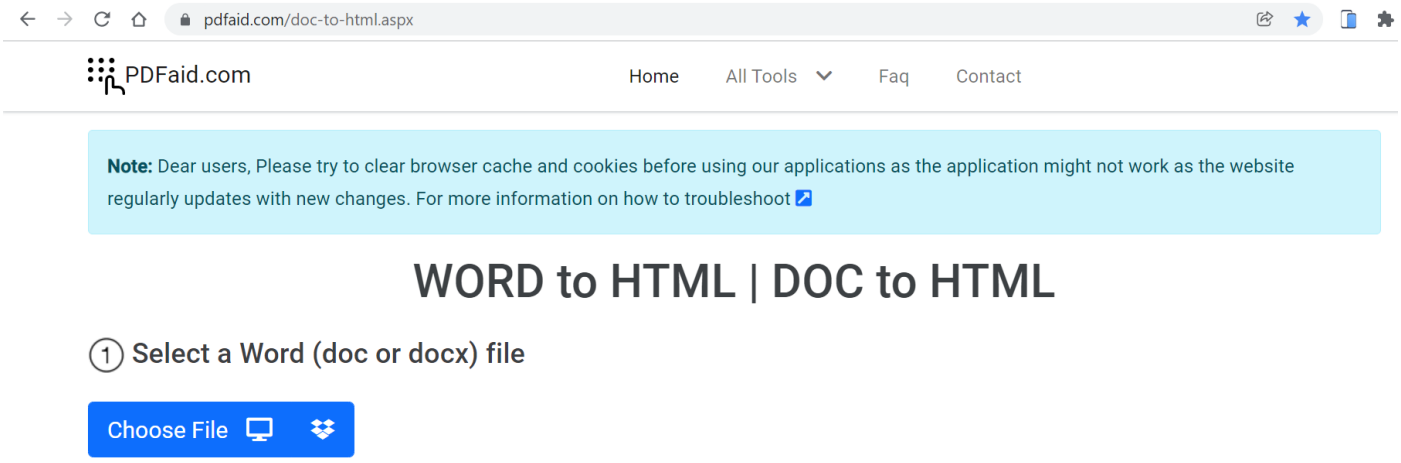
Prerequisites: Create a HTML Template for Reports with 3 columns *(Index | Content | Table of Contents) PFA Format.*
(Make a copy of that for the new Report and open it in a text editor and keep it ready.)



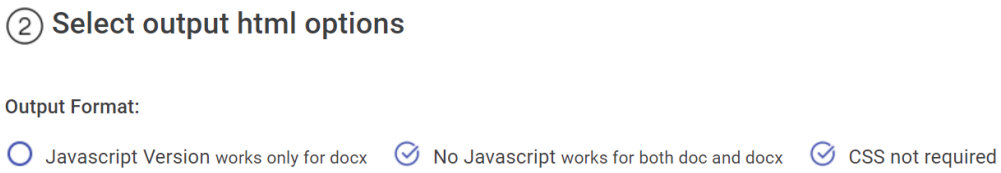
STEP 1: Switch Off any type of VPN that is connected.

STEP 2: Open the url: https://www.pdfaid.com/doc-to-html.aspx

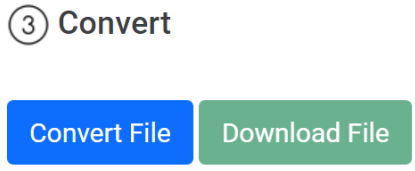
STEP 3: Choose the original report which is in Doc format



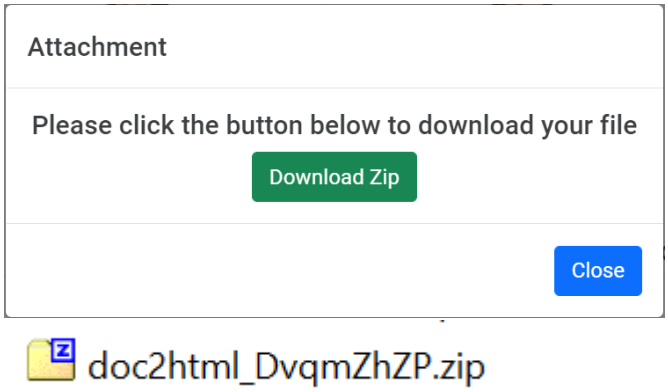
STEP 4: Keep the Output Format unchanged



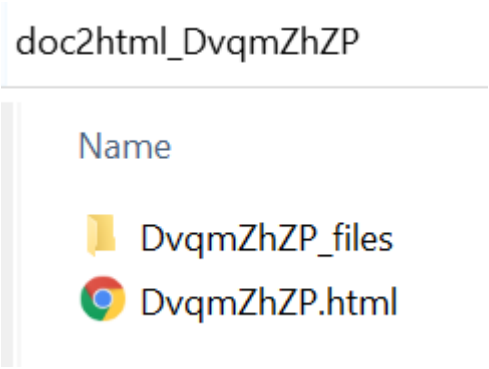
STEP 5: Click on Convert File [It will take sometime to finish converting…]



STEP 6: After it is done, Click Download File [the file will be downloaded in a .zip format]



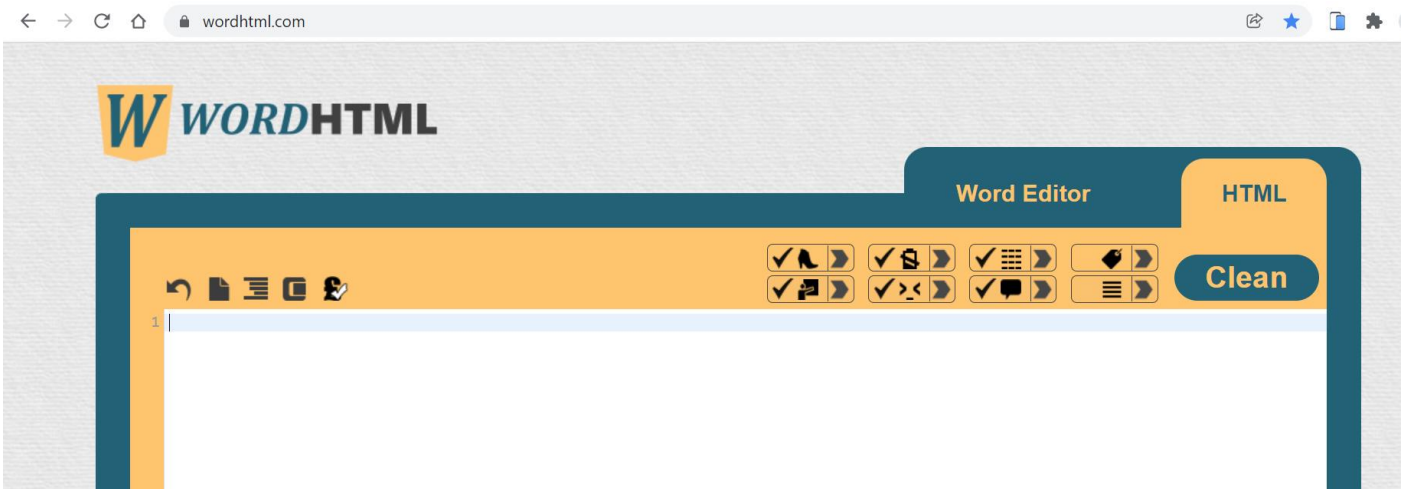
STEP 7: Extract the Zip folder [Zip folder has a folder with images and a html file]



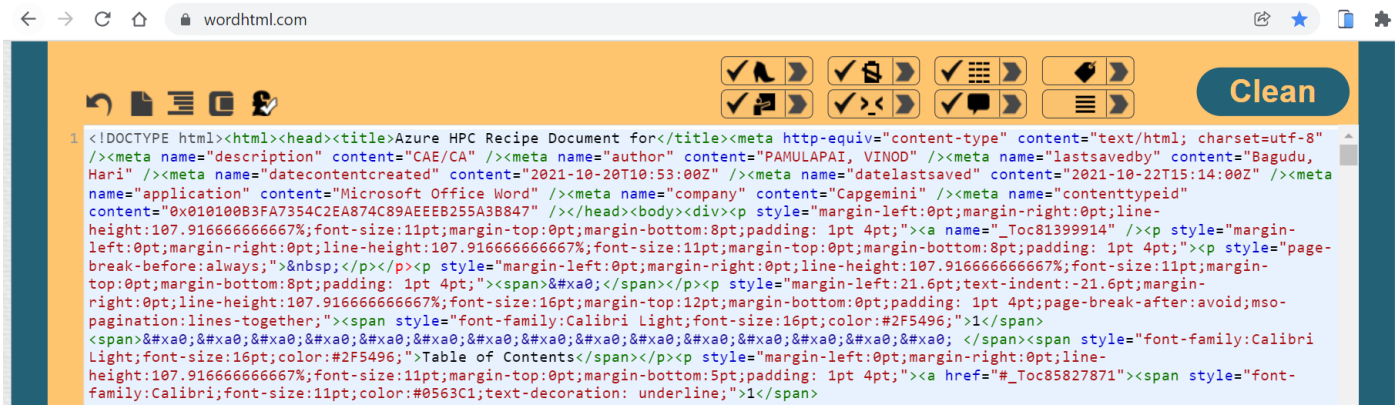
STEP 8a: Copy the Images Folder and add it into the Project Folder. Also rename it according to the <Report Name>_Files (eg. nanoFluidX_Files).

STEP 8b: Open the downloaded HTML file in a text editor. Copy the code and paste it on the

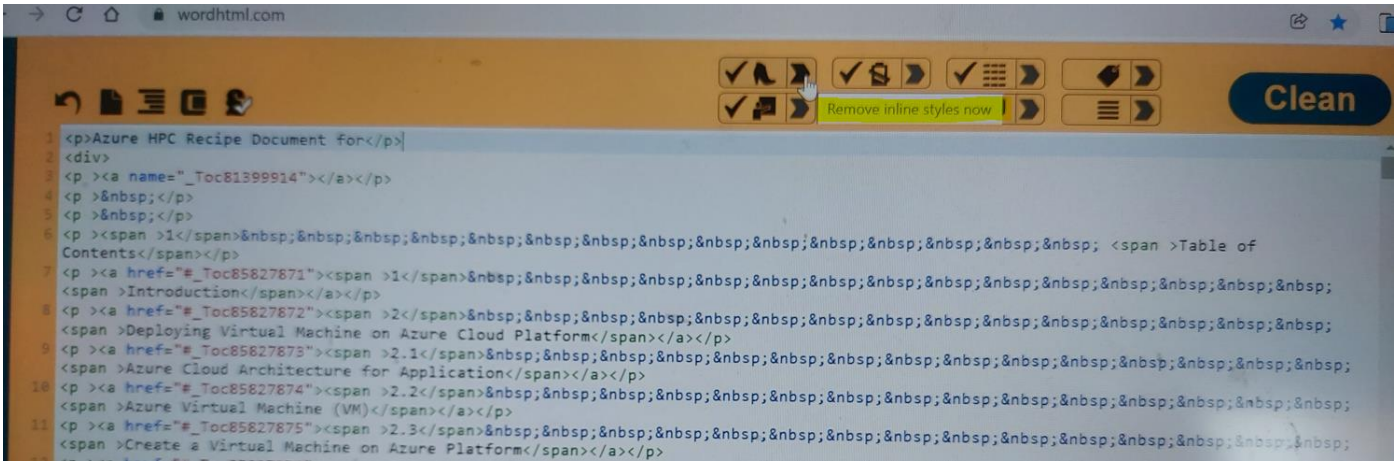
HTML Tab in the below mentioned URL: https://wordhtml.com/. [This is to clean up the html code for extra spaces, so that it will make the code more readable.]



BEFORE:

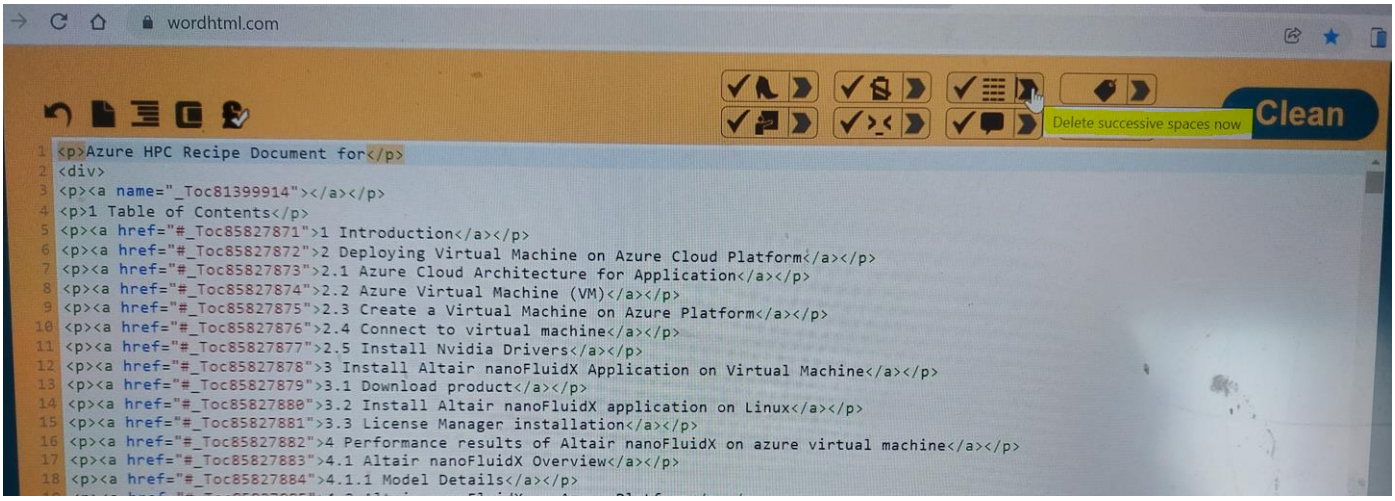


a. Remove inline styles

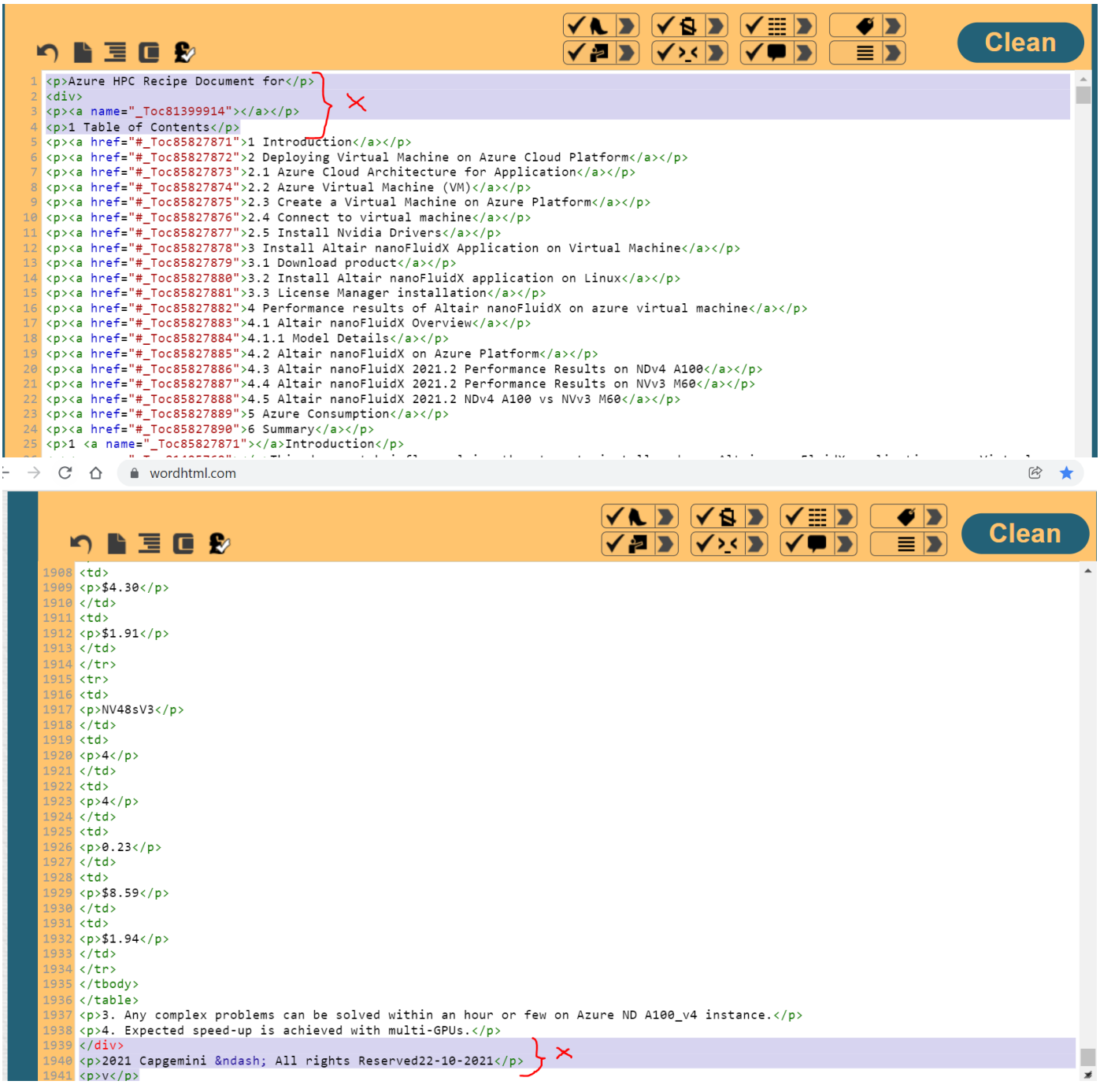

wordhtml.com
Remove inline styles now
Clean
Azure HPC Recipe Document for

<a name="_Toc81399914"></a>

1   Table of Contents
<a href="#_Toc85827871">1



d. Delete the following code one on the top and other at the bottom.



e. Copy the Table of contents and paste in in the toc section of the new Report Template under <label

class="px-3">Table of Contents</label> in the template.

```
<p><a href="#_Toc85827871">1 Introduction</a></p>
<p><a href="#_Toc85827872">2 Deploying Virtual Machine on Azure Cloud Platform</a></p>
<p><a href="#_Toc85827873">2.1 Azure Cloud Architecture for Application</a></p>
<p><a href="#_Toc85827874">2.2 Azure Virtual Machine (VM)</a></p>
<p><a href="#_Toc85827875">2.3 Create a Virtual Machine on Azure Platform</a></p>
<p><a href="#_Toc85827876">2.4 Connect to virtual machine</a></p>
<p><a href="#_Toc85827877">2.5 Install Nvidia Drivers</a></p>
<p><a href="#_Toc85827878">3 Install Altair nanoFluidX Application on Virtual Machine</a></p>
<p><a href="#_Toc85827879">3.1 Download product</a></p>
<p><a href="#_Toc85827880">3.2 Install Altair nanoFluidX application on Linux</a></p>
<p><a href="#_Toc85827881">3.3 License Manager installation</a></p>
<p><a href="#_Toc85827882">4 Performance results of Altair nanoFluidX on azure virtual machine</a></p>
<p><a href="#_Toc85827883">4.1 Altair nanoFluidX Overview</a></p>
<p><a href="#_Toc85827884">4.1.1 Model Details</a></p>
<p><a href="#_Toc85827885">4.2 Altair nanoFluidX on Azure Platform</a></p>
<p><a href="#_Toc85827886">4.3 Altair nanoFluidX 2021.2 Performance Results on NDv4 A100</a></p>
<p><a href="#_Toc85827887">4.4 Altair nanoFluidX 2021.2 Performance Results on NVv3 M60</a></p>
<p><a href="#_Toc85827888">4.5 Altair nanoFluidX 2021.2 NDv4 A100 vs NVv3 M60</a></p>
<p><a href="#_Toc85827889">5 Azure Consumption</a></p>
<p><a href="#_Toc85827890">6 Summary</a></p>
```

f. Add an exclusive inline style for <p> tag <p **style="padding: 1pt 4pt; margin: 0pt 0pt 5pt 11pt;"** only for the sub table of contents (2.1 to 4.5). This Hs to be done manually.

-

```
    <p><a href="#_Toc85827871">1 Introduction</a></p>
<p><a href="#_Toc85827872">2 Deploying Virtual Machine on Azure Cloud Platform</a></p>
<p style="padding: 1pt 4pt; margin: 0pt 0pt 5pt 11pt;"><a href="#_Toc85827873">2.1 Azure Cloud Architecture
<p style="padding: 1pt 4pt; margin: 0pt 0pt 5pt 11pt;"><a href="#_Toc85827874">2.2 Azure Virtual Machine (VM
<p style="padding: 1pt 4pt; margin: 0pt 0pt 5pt 11pt;"><a href="#_Toc85827875">2.3 Create a Virtual Machine
<p style="padding: 1pt 4pt; margin: 0pt 0pt 5pt 11pt;"><a href="#_Toc85827876">2.4 Connect to virtual machin
<p style="padding: 1pt 4pt; margin: 0pt 0pt 5pt 11pt;"><a href="#_Toc85827877">2.5 Install Nvidia Drivers</a
<p><a href="#_Toc85827878">3 Install Altair nanoFluidX Application on Virtual Machine</a></p>
<p style="padding: 1pt 4pt; margin: 0pt 0pt 5pt 11pt;"><a href="#_Toc85827879">3.1 Download product</a></p>
<p style="padding: 1pt 4pt; margin: 0pt 0pt 5pt 11pt;"><a href="#_Toc85827880">3.2 Install Altair nanoFluidX
<p style="padding: 1pt 4pt; margin: 0pt 0pt 5pt 11pt;"><a href="#_Toc85827881">3.3 License Manager installat
<p><a href="#_Toc85827882">4 Performance results of Altair nanoFluidX on azure virtual machine</a></p>
<p style="padding: 1pt 4pt; margin: 0pt 0pt 5pt 11pt;"><a href="#_Toc85827883">4.1 Altair nanoFluidX Overvie
<p style="padding: 1pt 4pt; margin: 0pt 0pt 5pt 11pt;"><a href="#_Toc85827884">4.1.1 Model Details</a></p>
<p style="padding: 1pt 4pt; margin: 0pt 0pt 5pt 11pt;"><a href="#_Toc85827885">4.2 Altair nanoFluidX on Azur
<p style="padding: 1pt 4pt; margin: 0pt 0pt 5pt 11pt;"><a href="#_Toc85827886">4.3 Altair nanoFluidX 2021.2
<p style="padding: 1pt 4pt; margin: 0pt 0pt 5pt 11pt;"><a href="#_Toc85827887">4.4 Altair nanoFluidX 2021.2
<p style="padding: 1pt 4pt; margin: 0pt 0pt 5pt 11pt;"><a href="#_Toc85827888">4.5 Altair nanoFluidX 2021.2
<p><a href="#_Toc85827889">5 Azure Consumption</a></p>
<p><a href="#_Toc85827890">6 Summary</a></p>
```

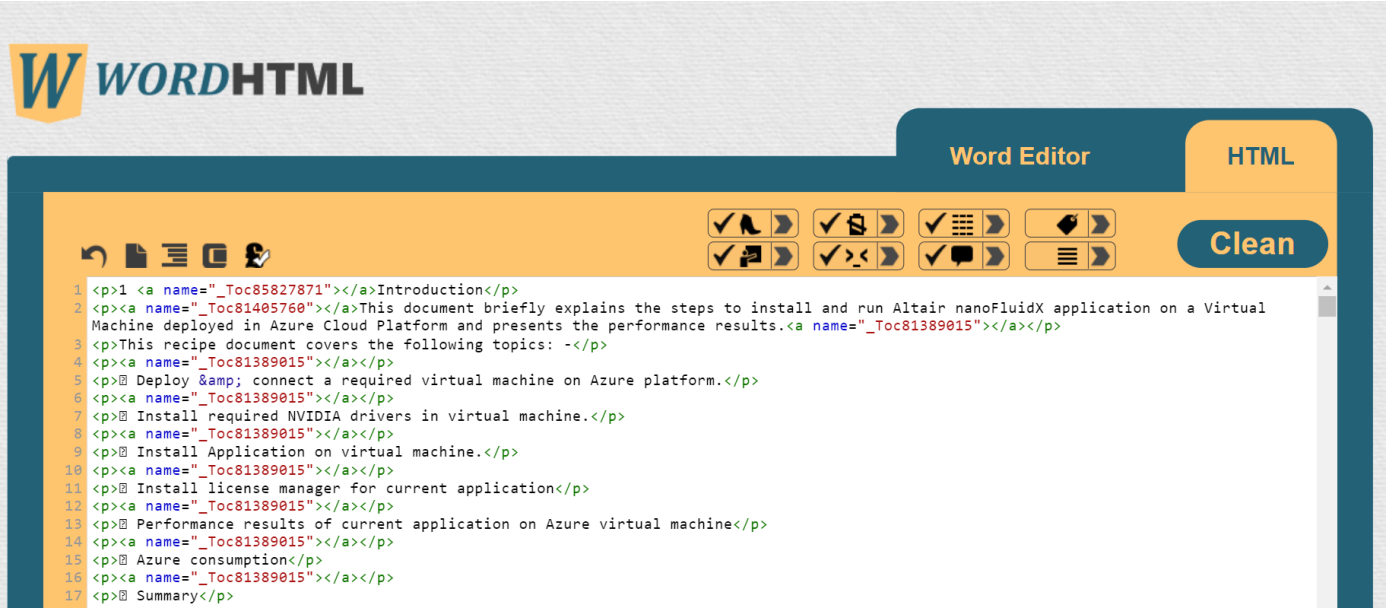
g. Add the same under as well (but Remove the Sub-Heading (2.1 – 2.4) from the section.)

Remove all the 2.1 to 4.5 sub Table of contents

```
<div class="col-2 px-1 px-sm-0 text-left index">
  <label class="px-3"><!--The Report Name goes here-->Altair nanoFluidX</label>
  <div class="index-scroll">
    <p><a name="_Toc81399914"></a></p>
    <p><a href="#_Toc85827871"><span>1</span> <span>Introduction</span></a></p>
    <p><a href="#_Toc85827872"><span>2</span> <span>Deploying Virtual Machine on Azure
    <p><a href="#_Toc85827878"><span>3</span> <span>Install Altair nanoFluidX Applicati
    <p><a href="#_Toc85827882"><span>4</span> <span>Performance results of Altair nanoF
    <p><a href="#_Toc85827889"><span>5</span> <span>Azure Cost</span></a></p>
    <p><a href="#_Toc85827890"><span>6</span> <span>Summary</span></a></p>
</div>
```

AFTER:

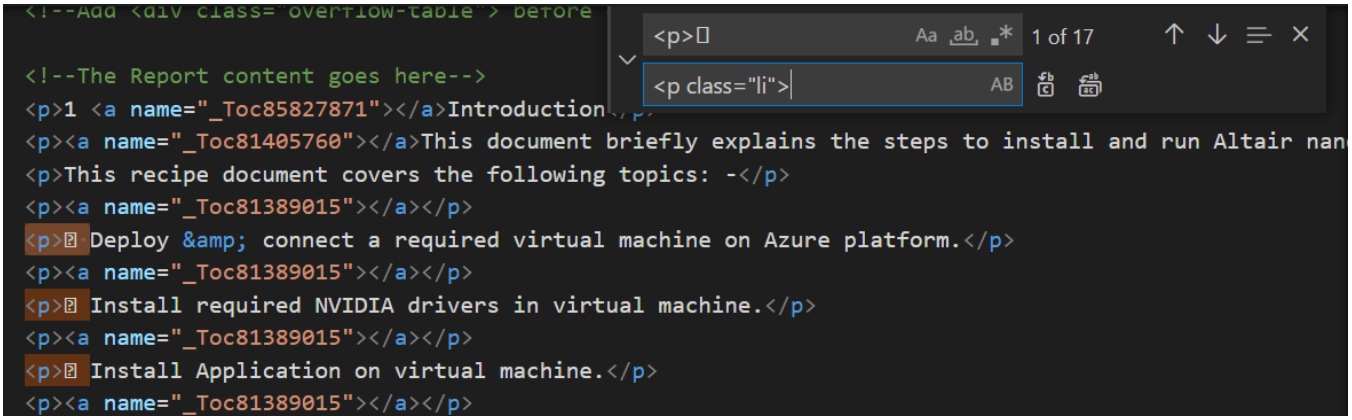
Copy the cleaned html and paste it into the Report Template in the **content section** that is created under **<!--The Report content goes here-->**



STEP 9: Edit the code a little bit under the content section.

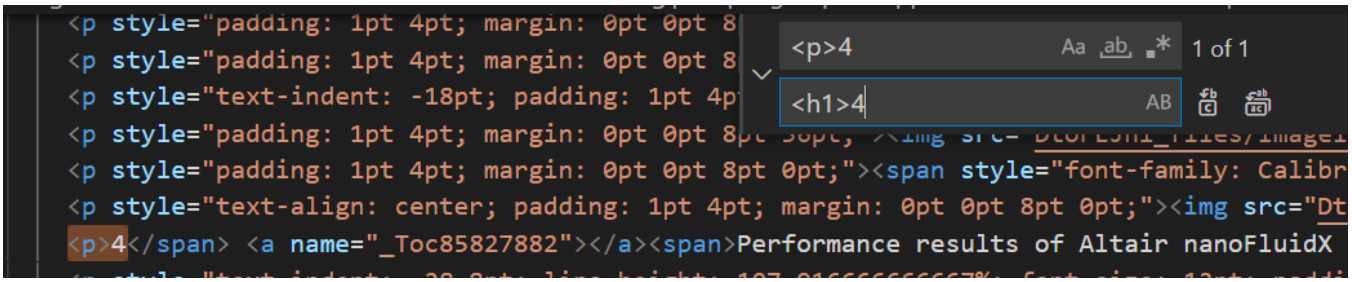
Warning: Be careful not to remove the anchor tags (eg. <a name="_Toc85827890"></a>). Also, Do not remove the padding & margin from the toc section.

➔ Identify all the lists/points in the Reports… Add a class li for all the <p> tags that has list (eg. Add <p class="li"> and <ul></ul> before and after the list)



```
<ul>
<p class="li">Deploy &amp;amp; connect a required virtual machine on Azure platform.</p>

<p class="li"> Install required NVIDIA drivers in virtual machine.</p>

<p class="li"> Install Application on virtual machine.</p>

<p class="li"> Install license manager for current application</p>

<p class="li"> Performance results of current application on Azure virtual machine</p>

<p class="li"> Azure consumption</p>

<p class="li"> Summary</p></ul>
```

➔ Change to <h1></h1> for the Main Headings (1-6) eg. 1 Introduction | 2 Deploy Virtual Machine on Azure Cloud Platform under content Section



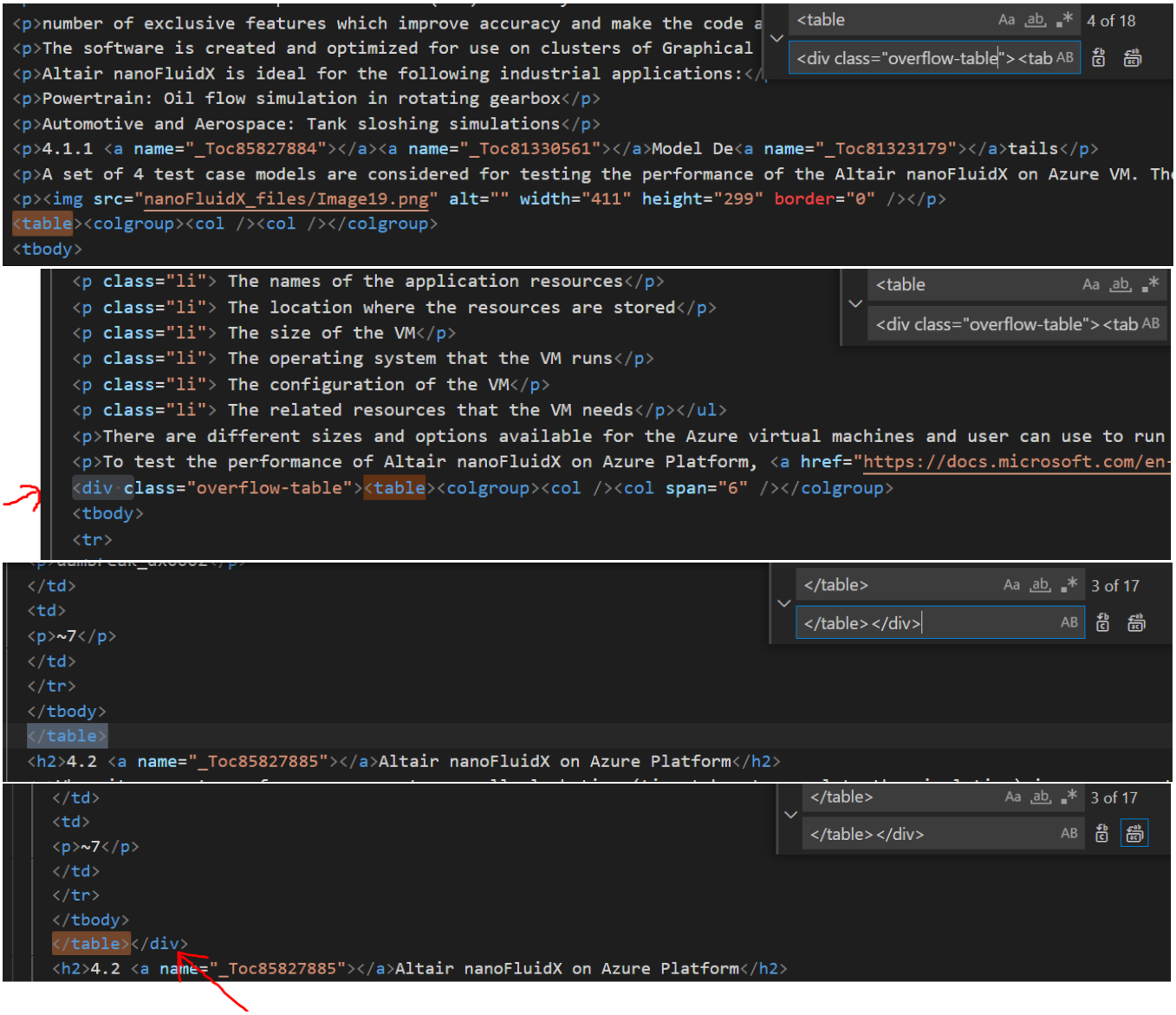
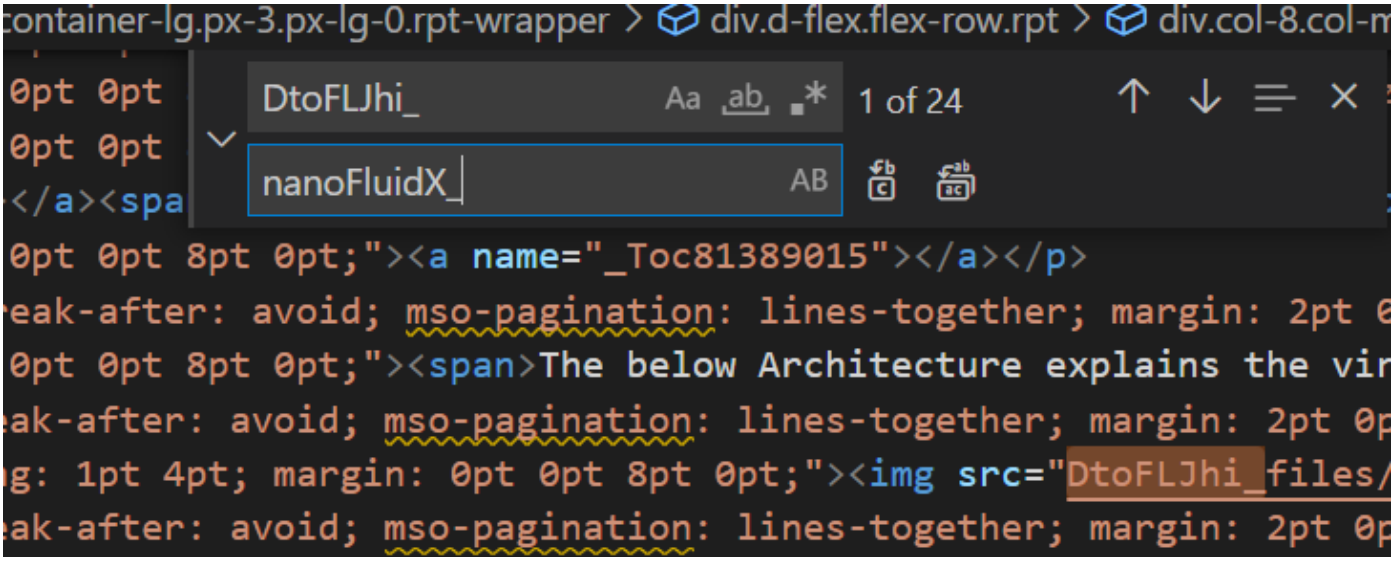

```
<p><img src="kf89plls_files/Image17.png" alt="" width="588" height="81" border="0" /></p>
<p>The detailed instruction can be found in the below highlighted document</p>
<p><img src="kf89plls_files/Image18.png" alt="" width="591" height="281" border="0" /></p>
<h1>4 <a name="_Toc85827882"></a>Performance results of Altair nanoFluidX on azure virtual machine</h1>
```

➔ Change to <h2></h2> for the Sub Headings (2.1 - 2.4 and 3.1 - 3.3 and 4.1 - 4.5) eg. 2.1 Azure Cloud Architecture for Application under content Section

```
<p>This VM Belongs to <a href="https://
<h2>2.3 <a name="_Toc85827875"></a><a n
<p>Sign in to Azure</p>
```

➔ Add class li for all the tags that has list (eg. add <ul>)

➔ Add before every <table> within the content.



STEP10: Add the Images Folder within the Project Folder after renaming it as per the Report Name. Rename the <img src=”file name”> as per the images folder name.