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## Abstract

I was selected as a Subject Matter Expert+HTML/CSS intern for ClearExam. For the first month as a role of a Subject Matter Expert, we had to work on solving questions related to physics, chemistry and maths for students enrolled in ClearExam. We had to prepare the material which provided lots of help to students prepare for their competitive examination as well as Board examinations. With the help of ClearExam, it was possible to upload our content on global platform such as Youtube as well which is accessible for everyone free of cost. ClearExam gave us an opportunity to help those students who don't <sup>1</sup> have a lot of study material for their preparation and because of this they cannot <sup>2</sup> compete. The second phase of our internship was on the technical part as a role of a HTML/CSS intern and it proved to be a great experience in enhancing our skills. The aim of this internship was to design quiz web pages for the organizations and they required the quiz as practice for existing students. <sup>3</sup> The web pages contained the questions and solutions in the form of a quiz. They were dynamic in nature and designed using HTML and CSS. The objective of the website was to brushen up the concepts of maths, physics, chemistry by providing lots of practice papers enfolded in the form of quizzes. We also needed to perform a feasible <sup>4</sup> study in order to check whether the website is responsive and enable company to perform future update. While designing the quiz, the code was enormous and sometimes small errors took a lot of time in debugging. My internship journey was productive and I gained hand-on practical skills from the overall <sup>5</sup> environment. It was a great experience and it helped me become well versed with real-life industry scenarios.

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## Introduction

I had joined as an HTML/CSS+SME intern at ClearExam in mid may 2021. ClearExam is an educational institute which focuses on entrance tests for IITs, medical schools, law schools, and management schools. ClearExam is an excellent example of an educational organisation that delivers seamless experiences. It also brings up the picture of professional tutoring that aids pupils in passing entrance tests. It prepares student for full time entrance examinations by providing them with recorded lectures, material, quizzes , question bank etc.

This journey has been useful in helping me deal with real life industry scenarios and how the industry world operates. The first month needed us <sup>6</sup> as a Subject Matter Expert where we recorded videos at various institutional levels ranging from class 10<sup>th</sup>, 12<sup>th</sup> to a variety of competitive exams such as JEE, NEET, KVPY and different State Board exam Papers. These tasks required us to be efficient in our knowledge of Maths, Physics, Chemistry.

During the 1<sup>st</sup> month tenure, we had to make 25-30 videos as allotted by our respective Team Leaders for different subjects. After making the videos, we had to update them on a Mastersheet everyday and the progress was thoroughly evaluated. A <sup>7</sup> power point presentation containing the question was <sup>8</sup> given to us and we needed to make a video explaining the solution of the problem. After making the videos, we needed to upload them on Google Drive. For that, we needed to make separate folders like our name, Subject, Year and finally the order of Questions. This part of our internship helped us <sup>9</sup> to improve our communication skills and helped us to express ourself.

The second month dealt with technical side of our internship ie Web Development(HTML/CSS). We were allotted specific team leaders who guided and helped us a lot.

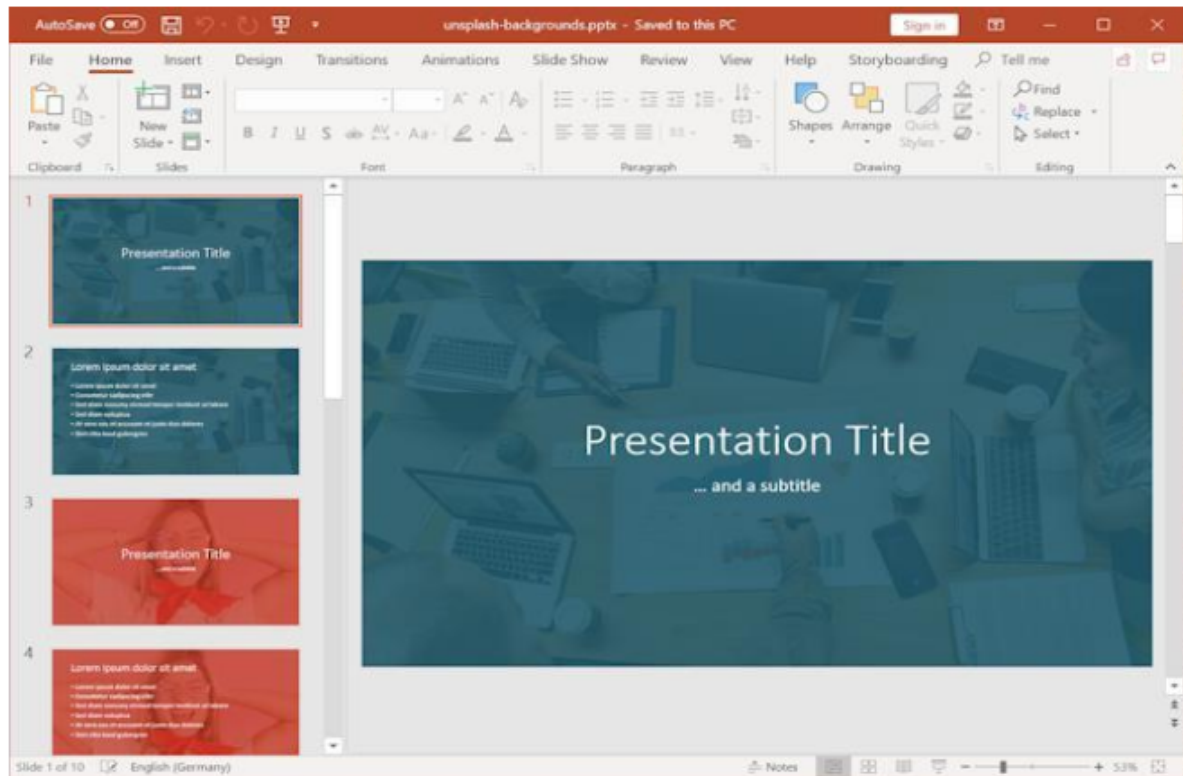
They had given us <sup>10</sup> the task for making the quizzes for the students seeking knowledge from ClearExam . They provided us with the question bank of specific topics to design web pages which helped students learn better and efficiently.

They gave us certain topics containing lots of questions out of which we had to make 5 quizzes daily having 10 questions per quiz. While making the quiz, we also had to put the solution in the html web page so that the JavaScript can work and give the result <sup>11</sup> to the students after completing the quiz. This technical side of our internship helped us to improve our understanding and basics of HTML and CSS and helped us to have an insight of how institutions functions on a larger scale.

## MATERIAL AND METHODS :

### PowerPoint Presentation

Microsoft PowerPoint is a <sup>12</sup>presentation tool that allows you to construct a slide show using crucial data, statistics, and graphics for a presentation. We used it to work on narration and timings which enabled students to grasp <sup>13</sup>the topic and connect with it. It helped us to export video and it proved to be useful study material for students seeking knowledge from ClearExam. It also helped us to manage data and this knowledge was also provided on Youtube channel of ClearExam. We also used different tools present in PPT for providing a better understanding of solution to the students. It proved to be an essential way of departing knowledge to children as it helped us to express our way of imparting concepts of different subjects to <sup>14</sup>everyone. With the help of tools like PPT, it has become a bit easy for providing an opportunity to deliver knowledge and education on a broader platform as compared to earlier times when technology was not so much in power.

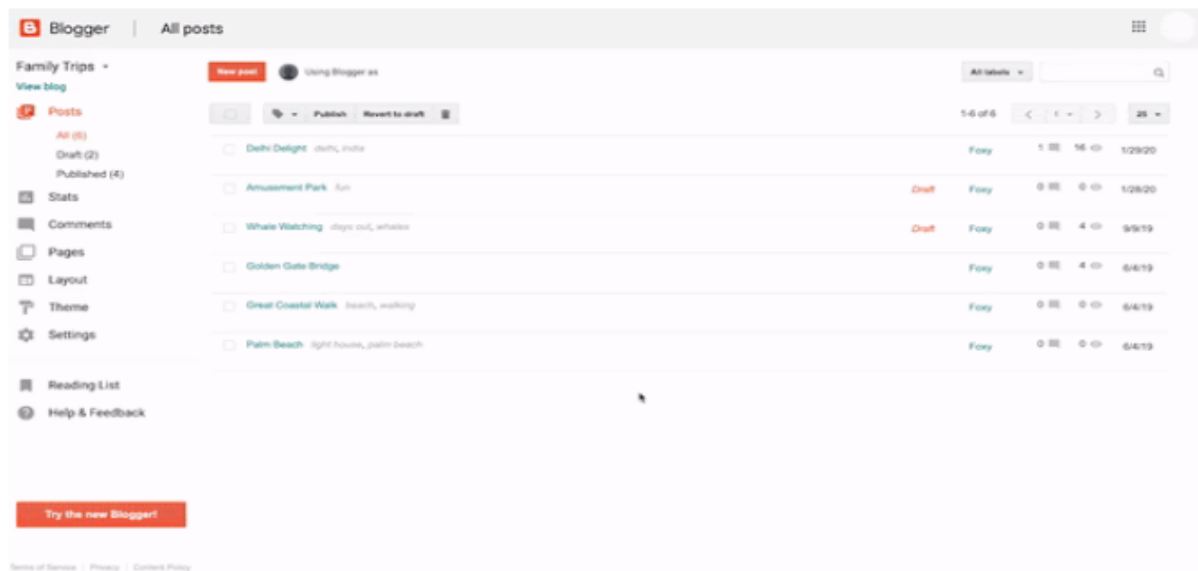




## Blogger :

Blogger is a fantastic <sup>15</sup> platform for sharing information and publishing blogs. Blogger is a widely used <sup>2</sup> blogging platform that allows users to upload photos to their blogs. Blogger is the best free blog-publishing platform that supports multi-user blogs. Pyra Labs created it and launched it.

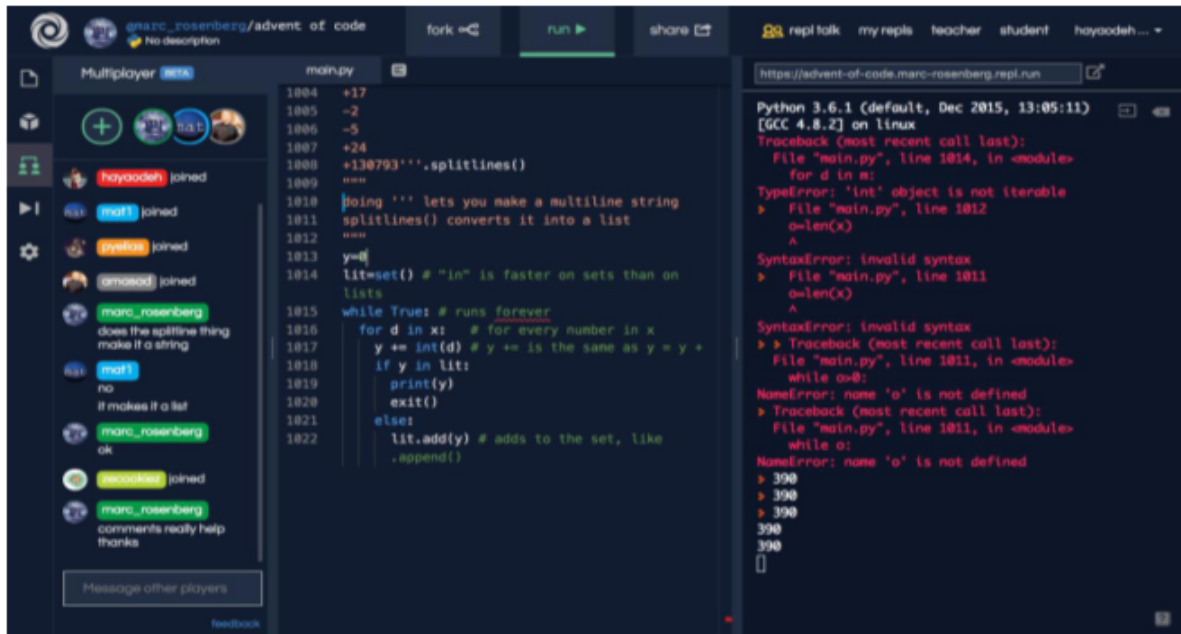
Blogger is a useful website that makes any text,photo ,video global which makes it accessible to anyone across the world and we can also design web pages. It has 2 options for viewing data- the html view and the compose view. HTML view helps us to see and edit our html code which we have implemented whereas the compose view gives us an insight of what we have done or edited in our <sup>9</sup> webpage in html. It can also save our progress that we have done and also allows us to review it later on. It has a major advantage that it makes our work accessible to anyone <sup>16</sup> across the globe which can be useful for other people in terms of knowledge building.



## Replit :

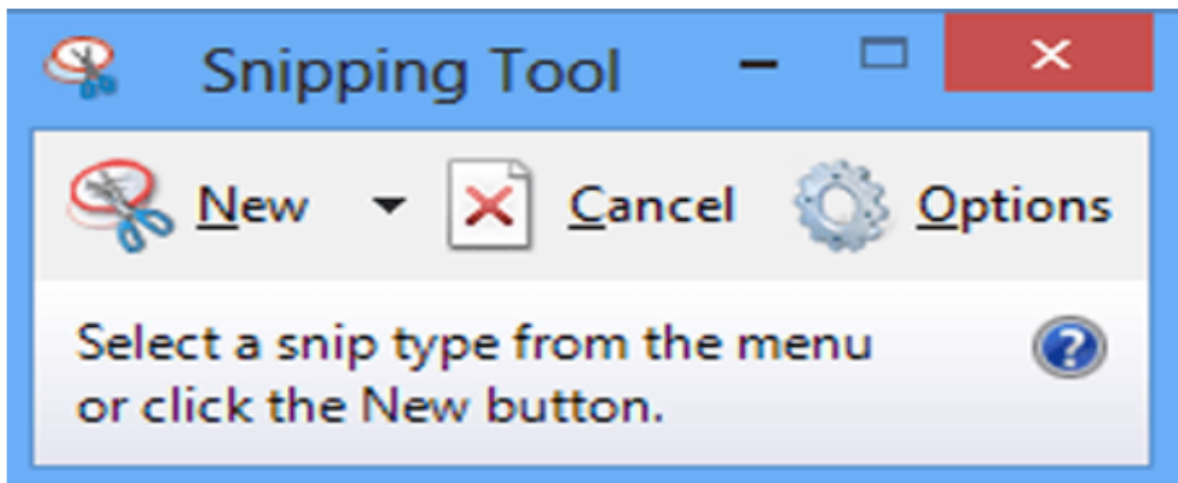
Replit is an IDE that enables users to write their own programmes and code in a variety of languages. Replit is totally online browser-based and can be accessed from phone,tablet,or any electronic device <sup>3</sup> which is connected to the internet,unlike typical IDEs that require software to be downloaded to a PC. Replit allows people to utilise a browser to write code and create apps and webpages.

Replit allows people to utilise a browser to write code and create apps and webpages. The site also <sup>17</sup> contains a number of features, like the ability to edit with many users and a live chat feed. It allows users to create apps and webpages using over 50 programming languages, including HTML,Java and Python.



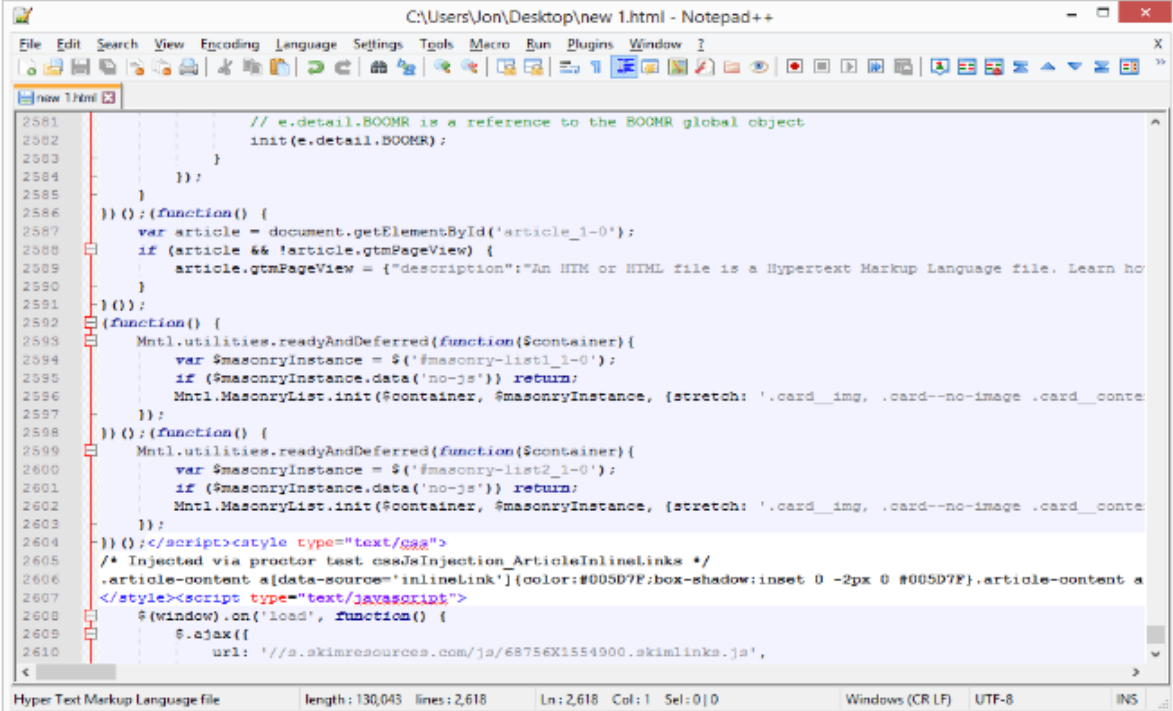
## Snipping Tool :

Snipping tool is a built in tool provided by Win10(Microsoft). Snipping tool helps us to take snips of any portion on our system and we can take the snips in a specific shape as well as desired by the user. We have used this tool for taking snips of questions which helped us to use it while creating the quizzes. In order to extract the snips to blogger, we needed to take the snips of the questions and save them to our system initially from which it was later extracted to the blogger site directly. This tool was particularly helpful in some maths questions which contained various types of symbols, so we were able to directly take snips and then directly extract it to blogger as required. Snipping tool was efficient and it helped us to make our work easy.



## Text Editor :

In our internship, we have used Microsoft Text software as our technical domain of internship. We used this software which contained various topics having a diverse range of questions out of which we had made quizzes. Word sheets were provided to us out of which we had used snipping tool collaboratively to make some easy changes in our quiz. It also helped us form directions on how to progress on our presentation including its questions, answers and explanation as well. After designing our webpages, we were required to save, review and edit our work in word files so that we would send it to ClearExam. This software was extremely important because if we later recognizes or identified any changes to be made in our web page, we could directly open our word files and directly edit the text. This software proved to be crucial in our internship.



```
2581 // e.detail.BOOMR is a reference to the BOOMR global object
2582 init(e.detail.BOOMR);
2583 }
2584 });
2585 }
2586 })();(function() {
2587     var article = document.getElementById('article_1-0');
2588     if (article && !article.gtmPageView) {
2589         article.gtmPageView = {"description": "An HTML or XHTML file is a Hypertext Markup Language file. Learn how to create an HTML or XHTML file."};
2590     }
2591 })();
2592 (function() {
2593     Mntl.utilities.readyAndDeferred(function($container) {
2594         var $masonryInstance = $('#masonry-list1_1-0');
2595         if ($masonryInstance.data('no-js')) return;
2596         Mntl.MasonryList.init($container, $masonryInstance, {stretch: '.card_img, .card--no-image .card_content'});
2597     });
2598 })();(function() {
2599     Mntl.utilities.readyAndDeferred(function($container) {
2600         var $masonryInstance = $('#masonry-list2_1-0');
2601         if ($masonryInstance.data('no-js')) return;
2602         Mntl.MasonryList.init($container, $masonryInstance, {stretch: '.card_img, .card--no-image .card_content'});
2603     });
2604 })();</script><style type="text/css">
2605 /* Injected via proctor test cssJsInjection_ArticleInlineLinks */
2606 .article-content a[data-source='inlineLink']{color:#005D7F;box-shadow:inset 0 -2px 0 #005D7F}.article-content a
2607 </style><script type="text/javascript">
2608 $(window).on('load', function() {
2609     $.ajax({
2610         url: '//a.skimresources.com/js/68756X1554900.skimlinks.js',
2611     });
2612 })
2613 </script>
```

Hyper Text Markup Language file length: 130,043 lines: 2,618 Ln: 2,618 Col: 1 Sel: 0|0 Windows (CR LF) UTF-8 INS

## Google Drive :

Google Drive is a storage service provided by Google which helps us to store any kind of data in a specific storage. All the work that we did as part of the internship was uploaded in Google Drive links as provided by our team leaders. In the first month i.e. Our role as Subject Matter Expert, all the videos we made were uploaded on Google Drive in the form of recorded videos. Similarly, the web pages that we made in the second month as HTML/CSS intern were uploaded on Google Drive in the form of word sheets. The link for the videos and web pages were updated on a final Mastersheet.

## METHOD :

As an SME intern,<sup>8</sup> the following instructions were given by our team leaders for creating videos on topics of different subjects which were allotted to us in the first month of internship

**Step1-** We were given a link of a mastersheet which had PPTs of different topics upon which we had to make 25-30 questions per day.

**Step2-** After extracting the PPTs from the Mastersheet, we had to record the solution in the form of videos<sup>21</sup> which was made possible using some tools like pen, pointers, snipping tool which was incorporated<sup>22</sup> in the solution along with the videos as well.

**Step3-** We had to export the PPT (now in form of a video) to Google Drive links where we needed to create separate folders like our name, year, subject, topic etc for specific topics like Maths, Physics, Chemistry along with other examinations.

**Step4-** Now, we finally needed to upload our final work on the mastersheet by 2 ways-first we had to upload the videos as explained in step 3 and then a link of the same was to be put on the Mastersheet as well.

This concludes our first phase of internship as Subject Matter Intern in ClearExam.

As an HTML/CSS intern,<sup>8</sup> the following instructions were given by our team leaders for creating web pages on topics which were allotted to us in the second month of internship-

**Step1-** We were given a link which had access to a lot of a material like quiz image template, doc file link, image template design and a lot of instructions which guided us on how to proceed on our project.

**Step2-** Then, we had to extract the question bank from the doclink which had lots of questions out of which we had to make 10 questions as single quiz. For this ,we used different softwares like blogger, replit etc to edit and perform operations on our pages. We had to mention an image template giving a brief description about the topic, quiz number in the top of the web page.

**Step3-** Initially while designing the page, we had to extract image template of ClearExam given to us. After that, using word and blogger collaboratively, we needed to make 10 questions and provide solutions for them as well. We had to add the correct option of the questions at the end as well.

**Step4-** We had to make word files containing code for each quiz and then export it to Google Drive links where we needed to create separate folders like our name, subject, topic etc.

**Step 5-** Now, we needed to upload our work on the mastersheet which contained the redirected links to Google Drive and similarly complete all assigned work on the Mastersheet.

This concludes our second phase of internship as Subject Matter Intern in ClearExam.

## RESULT :

In the first phase of internship as Subject Matter Expert, we were successful in making quality videos for ClearExam. During this entire process, we also have learnt different skills like video editing along with great communication skills as well. Since we were making 25-30 videos everyday, time management had a great role to play in. We also learnt how crisis management is dealt with in serious times of pandemic like this. Everything was restricted to online mode and outside contact with the physical world was almost shut down.

In the second phase of internship as HTML/CSS intern, we designed web pages as directed to us by our team leaders. We used HTML to set a certain design for a quiz web page .CSS on the other hand was used to style different web pages. We also got to know different tools like blogger, replit which made web designing much easier. By designing the quiz web pages, our development skills enhanced greatly and we also got to know how different organizations function, how web pages are used by this organization and how information is spread to students enrolled in such educational institutions. By designing different kinds of web pages, we got to know about HTML/CSS in a lot of depth and how it is implemented in real life scenarios.



## MOVING CHARGES AND MAGNETISM-10

Dear Readers,

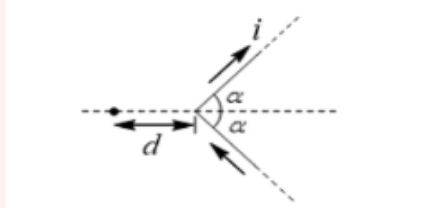
JEE Advanced Physics Syllabus can be referred by the IIT aspirants to get a detailed list of all topics that are important in cracking the entrance examination. JEE Advanced syllabus for Physics has been designed in such a way that it offers very practical and application-based learning to further make it easier for students to understand every concept or topic by correlating it with day-to-day experiences. In comparison to the other two subjects, the syllabus of JEE Advanced for physics is developed in such a way so as to test the deep understanding and application of concepts.

Start

Timer

Stop

Q1. If the magnetic field at 'P' can be written as  $K \tan(\alpha/2)$ , then K is



- ☐  $(\mu_0 I)/4\pi d$   
☐  $(\mu_0 I)/2\pi d$   
☐  $(\mu_0 I)/\pi d$   
☐  $(2\mu_0 I)/\pi d$

Q2. A charged particle moves inside a pipe which is bent as shown in Figure. If  $R < mv/qB$ , then force exerted by the pipe on charged particle at P is (Neglect gravity)



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Earnings

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All (10)

MANAGE

quiz10  
Published · 11 Jul



quiz9  
Published · 11 Jul

Anchal  
0 5

quiz8  
Published · 10 Jul

Anchal  
0 8

quiz7  
Published · 9 Jul

Anchal  
0 3

quiz1  
Published · 9 Jul

Anchal  
0 2

## DISCUSSION :

As an HTML/CSS intern, we had to deal mainly with front end development work involving concepts related to HTML,CSS and its different tags, how to properly align them, make web page responsive and design them in such a manner so that it is well understood by the user. After discussing about questions and their solutions, we had to put a basic answer key of 10 questions at the end so that it will make it easy for the students to find answers at a single place. Tags were also used to indicate various elements and determine different attributes like data, images etc. HTML is an easy to learn and free language and it is supported by most of the browsers available.

HTML is a basic language, which allows you to design and format the content with simple tags. These angular bracket tags inform browser that the website starts and end. All the code inside these two tags is shown to the browser. Then the browsers shows the contents wrapped within the body tag. HTML defines the format for displaying web elements. In order to view our content, we need to save our .htm extension for the file to be used as a website or .html file extension and then execute it by selecting any browser option so that we can see the website running. HTML can be used with other Languages. It is a base language and all the other languages can be used with it while coding like JSP, PHP, Javascript etc. XML is used mainly for data storage and its syntax is similar to HTML.

CSS is essential for web designers since it helps to operate the styling of web pages including fonts,texts,margins,background etc. CSS is a language which is used to style an HTML document and it allows us to make a web page more attractive. CSS, along with HTML and JavaScript, is a foundational innovation of the World Wide Web.

CSS handles the website look and feel. CSS enables you to regulate text colour, font style, paragraph separation, display features, background pictures or colours, layout designs, display changes as well a variety of effects.

## CONCLUSION :

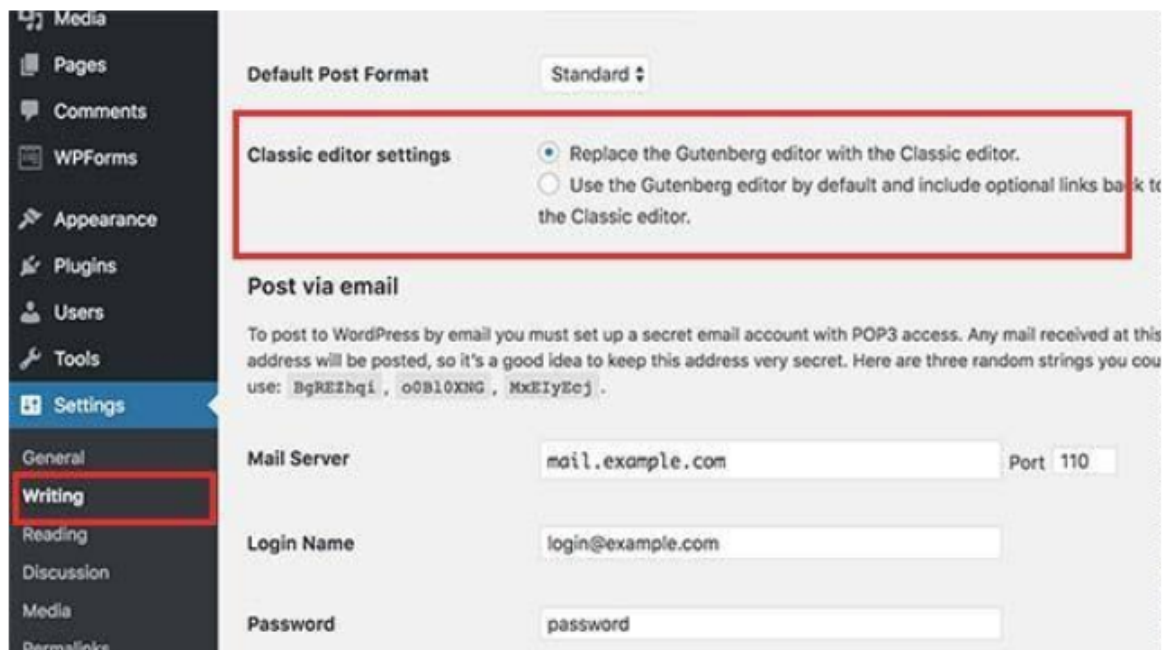
In our 2 months internship period, we have had a great experience so as to know how the real life industry functions. By this internship, we gained a lot of skills like HTML,CSS and also developed soft skills like communication, time management, motivation, problem solving. This internship helped us to gain experience of how to work in the industry. We learnt how to implement our technical skills in a practical way and the work we did was important for the knowledge of students. With no prior experience in HTML/CSS, one can also learn these skills with few efforts and by implementing these skills in the project, one definitely gains an idea how responsive websites or web pages function in real life. During my internship tenure, I realized that it was really important to be careful while designing the web pages since it required lots to write. Even the smallest errors could result in an error. So, we had to be extremely cautious of the smallest syntactical error.

During my task I cooperated with my colleagues and manager to find out the problems in the code. Moreover, the task assigned to me indirectly helped me to be disciplined, patient, have the ability to trust yourself, take initiative and have ability to solve real life problems and industry scenarios. Apart from that, I developed my technical skills through the tasks that I had done and helped me to be creative which helped me sharpen my skills in HTML5. The skills we gained throughout this tenure was helpful for me in future to face challenges in the industry environment.



## IMPLICATIONS FOR FUTURE RESEARCH :

- We can use WordPress software as it saves a lot of time for developers and is easy to function and operate.
- It creates a good and responsive web page rather than writing a lot of code in HTML.
- In future, we can opt for Cloud Computing which gives persistent data storage so that it would be cheaper and efficient to use Cloud than spending expenditure on servers, physical data centres etc.



## References

- [1] Meshkinfamfard, S., Gorban, A., & Tyukin, I. (2018, June). Tackling Rare False-Positives in Face Recognition: A Case Study. In *2018 IEEE 20th International Conference on High Performance Computing and Communications; IEEE 16th International Conference on Smart City; IEEE 4th International Conference on Data Science and Systems (HPCC/SmartCity/DSS)* (pp. 1592-1598). IEEE.
- [2] Mäkinen, E. (2008). Introduction to Computer Vision from Automatic Face Analysis Viewpoint. *Department of Computer Sciences University of Tampere, Finland*.
- [3] Zhang, X., Gonnot, T., & Saniie, J. (2017). Real-time face detection and recognition in complex background. *Journal of Signal and Information Processing*, 8(2), 99-112.
- [4] <https://www.thalesgroup.com/en/markets/digital-identity-and-security/government/biometrics/facial-recognition>
- [5] <https://www.reservations.com/blog/resources/facial-recognition-airports-survey/>
- [6] <https://www.upwork.com/hiring/for-clients/pros-cons-facial-recognition-technology-business/>
- [7] <https://www.superdatascience.com/blogs/opencv-face-recognition>
- [8] <https://www.facefirst.com/blog/amazing-uses-for-face-recognition-facial-recognition-use-cases/>