

HARSHIT SRIVASTAVA 19BCE0382

CYCLESHEET 1 IWP L27+L28

Q1 HTMLEXERCISES

- Print your name and Reg-No in green colour with different style of your choice.
- Print the numbers 1 -10, each number being a different colour.
- Print a paragraph with 4 -5 sentences. Each sentence should be a different font
- Print a paragraph that is a description of a book; include the title of the book as well as its author. Names and titles should be underlined, adjectives should be italicized and bolded.
- Print your name to the screen with every letter being a different heading size.
- Write a comment line on your code and make sure it is not displayed in the page.
- Display a 'C' code as it is in the page.
- Set the background colour of t

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Question 1</title>
</head>
<body bgcolor="yellow">
  <h1 style="color: blue;font-family: 'Courier New', Courier, monospace;">Harshit</h1>
  <h1 style="color: brown;font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;">19BCE0382</h1>

  <hr>
  <p style="color: cornflowerblue;">1</p>
  <p style="color: rebeccapurple;">2</p>
  <p style="color: red;">3</p>
  <p style="color: green;">4</p>
  <p style="color: peru;">5</p>
  <p style="color: silver;">6</p>
  <p style="color: fuchsia;">7</p>
  <p style="color: teal;">8</p>
  <p style="color: cyan;">9</p>
  <p style="color: darkorange;">10</p>

  <hr>
  <p>Lorem ipsum dolor, sit amet consectetur adipisicing elit. Hic cum dolore autem numquam harum suscipit esse ipsum, aliquam provident dolore commodi veritatis quia consequuntur alias consectetur culpa facilis accusantium pariatur!

  Lorem ipsum dolor sit, amet consectetur adipisicing elit. Voluptatem commodi quibusdam, et consequuntur a dolore perferendis sed enim repellendus eveniet, aperiam id autem repellat, esse molestias doloribus ex. Expedita, modi.

  Lorem, ipsum dolor sit amet consectetur adipisicing elit. Accusamus eligendi deleniti ex excepturi nisi aspernatur quos dicta similique illum pariatur ducimus cupiditate error, tempora alias, quae facilis nihil obcaecati voluptates?
```

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Lorem ipsum dolor sit amet consectetur adipisicing elit. Minus libero ullam quam ab nemo voluptate in atque molestiae ut aperiam quod adipisci ad, aliquam suscipit totam maxime ipsam porro! Ullam.

</p>

<hr>

<h2>Title: <u>Success Principles</u></h2>

<h2>Author: <u>Jack Canfield</u></h2>

<p>

The <u>Success Principles</u> will teach you how to <i>increase</i> your confidence, <i>tackle</i> daily challenges, <i>live</i> with passion and purpose, and <i>realize</i> all your ambitions. Not merely a collection of good ideas, this book spells out the 64 timeless principles used by successful men and women throughout history. And the fundamentals are the same for all people and all professions - even if you're currently unemployed. It doesn't matter if your goals are to be the top salesperson in your company, become a leading architect, score straight A's in school, lose weight, buy your dream home, or make millions of dollars- the principles and strategies are the same.

</p>

<hr>

<h1>H</h1><h2>a</h2><h3>r</h3><h4>s</h4><h5>h</h5><h6>i</h6><h6>t</h6>

<hr>

<!-- THIS IS A COMMENT -->

<pre>

```
#include <stdio.h>

int main()
{
    printf("Hello World");
    // C code to print hello world
    return 0;
}
```

</pre>

<hr>

<marquee style="background-color: grey;">HARSHIT SRIVASTAVA</marquee>

</body>

</html>

Output:

Harshit

19BCE0382

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

Lorem ipsum dolor, sit amet consectetur adipisicing elit. Hic cum dolore autem numquam harum suscipit esse ipsum, aliquam provident dolore commodi veritatis quia consequuntur alias consectetur culpa facilis accusantium pariatur! Lorem ipsum dolor sit, amet consectetur adipisicing elit. Voluptatem commodi quibusdam, et consequuntur a dolorem perferendis sed enim repellendus eveniet, aperiam id autem repellat, esse molestias doloribus ex. Expedita, modi. Lorem, ipsum dolor sit amet consectetur adipisicing elit. Accusamus eligendi deleniti ex excepturi nisi aspernatur quos dicta similique illum pariatur ducimus cupiditate error, tempora alias, quae facilis nihil obcaecati voluptates? Lorem ipsum dolor sit amet consectetur adipisicing elit. Nisi molestiae eligendi perspiciatis animi quod beatae labore fuga eaque veritatis voluptatum enim voluptatem necessitatibus est dolore, maxime, illo natus modi quidem? Lorem ipsum dolor sit amet consectetur adipisicing elit. Minus libero ullam quam ab nemo voluptate in atque molestiae ut aperiam quod adipisci ad, aliquam suscipit totam maxime ipsam porro! Ullam.

Title: Success Principles

Author: Jack Canfield

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Title: Success Principles

Author: Jack Canfield

The Success Principles will teach you how to *increase* your confidence, *tackle* daily challenges, *live* with passion and purpose, and *realize* all your ambitions. Not merely a collection of good ideas, this book spells out the 64 timeless principles used by successful men and women throughout history. And the fundamentals are the same for all people and all professions -- even if you're currently unemployed. It doesn't matter if your goals are to be the top salesperson in your company, become a leading architect, score straight A's in school, lose weight, buy your dream home, or make millions of dollars--the principles and strategies are the same.

H

a

r

s

h

i

t

```
#include <stdio.h>
int main()
{
    printf("Hello World");
    // C code to print hello world
    return 0;
}
```

HARSHIT SRIVASTAVA

Q2 Create a page aboutme.html that describes you. Include information such as:

- a. Your name in the top of the page in large text and your address in smaller text
- b. A description of you in ≤ 2 sentences. Emphasize important word(s) in bold.
- c. A list of classes you are taking right now with a simple description of each with interesting subjects in marvellous colours.
- d. Your 3 favourite movies, books, or TV shows, in order. Make at least one link to an interesting site about that TV show/movie/book.
- e. Two images that represent you when you're happy and sad.
- f. Something about one of your neighbours (people sitting next to you, make it interesting as well.)
- g. Describe your skill level in programming languages using definition list.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Question 2</title>
</head>
<body>
  <h1>Harshit Srivastava</h1>
  <h4>1/164 Chiranjeev Vihar, Ghaziabad, UP. PIN:201002</h4>

  <p>
    I am an enthusiastic learner who believes in working hard and never giving up. My
    areas of interest majorly involve<b> Deep Learning, Data Mining and Web Development</b>. M
    athematics has always been my favourite subject and i intend to use <b>applied maths</b> t
    o resolve day to day problems. Music has always been my hobby. I am also a <b>tabla Player
    </b>. The most important principle of my life is<b> Punctuality and honesty</b>. My motto
    is, <b>"Endure and Fight"</b>.
  </p>

  <ol>
    <li style="color: red;">SIN: Social and Information Networks. We learn about Social
    networks in CSE along with Sentiment Analysis and Data Mining.</li>
    <li style="color: blue;">Blockchain: Use and implementation of blockchain in daily
    life applications in field of cryptocurrency, finance, agriculture, etc.</li>
    <li style="color: green;">IWP: Internet and Web Programming. We learn Frontend web
    development using HTML, CSS and JS. For Backend we'll learn PHP and MySQL in databases. W
    e'll also use NodeJs.</li>
  </ol>

  <ol>
    MOVIES:
    <li>Star Wars <a href="https://www.hotstar.com/in/movies/star-wars-the-last-
    jedi/1660010667"> Link to movie</a></li>
    <li>Avengers</li>
    <li>Captain America</li>
  </ol>

  <p>Happy:
```

```


Sad:

</p>

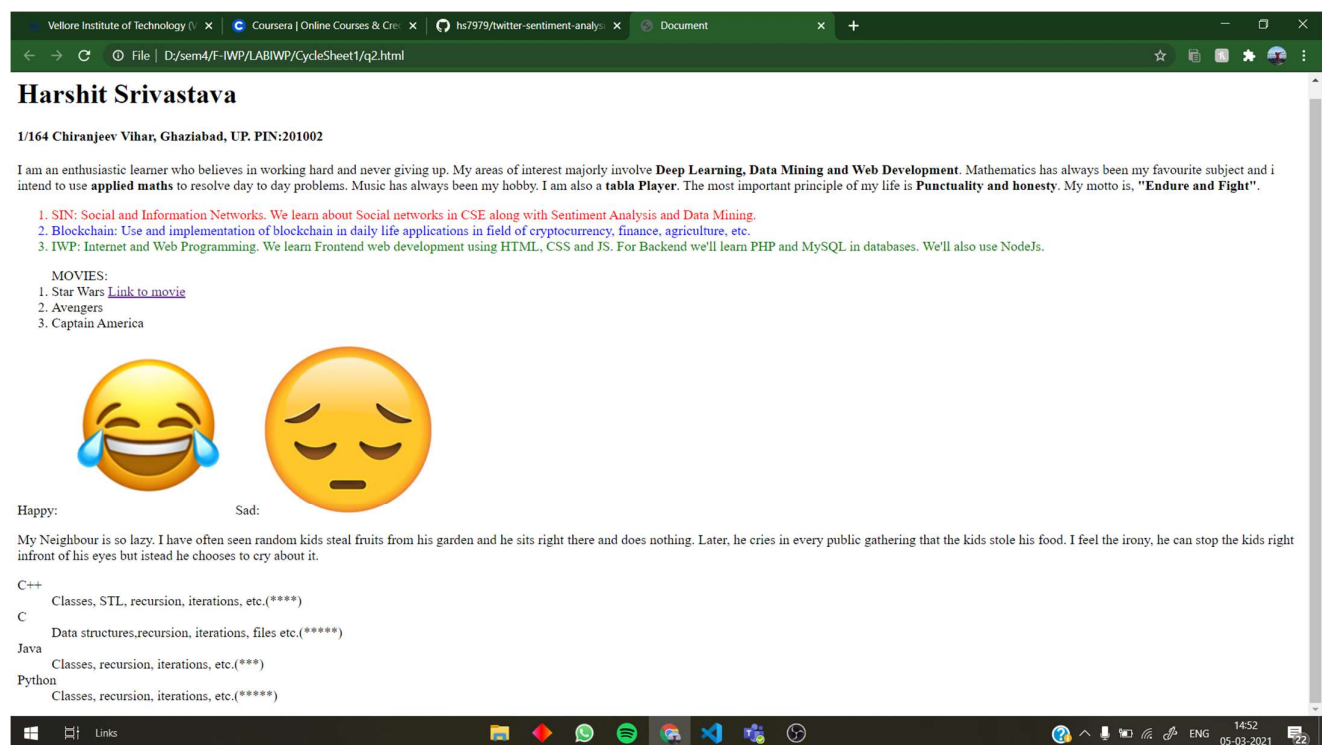
<p>
My Neighbour is so lazy. I have often seen random kids steal fruits from his garde
n and he sits right there and does nothing. Later, he cries in every public gathering that
the kids stole his food. I feel the irony, he can stop the kids right infront of his eyes
but istead he chooses to cry about it.
</p>

<dl>
<dt>C++</dt><dd>Classes, STL, recursion, iterations, etc.(****)</dd>
<dt>C</dt><dd>Data structures,recursion, iterations, files etc.(****)</dd>
<dt>Java</dt><dd>Classes, recursion, iterations, etc.(***)</dd>
<dt>Python</dt><dd>Classes, recursion, iterations, etc.(****)</dd>

</dl>
</body>
</html>

```

Output:



Q3. HTML TEXT FORMATTING, LISTS EXERCISES

a. Prints 10 names with a line break between each name. The list should be alphabetized, and to do this place a subscripted number next to each name based on where it will go in the alphabetized list.

(Example: Alan1). Print first, the alphabetized list with a subscript number next to each name, then the alphabetized list. Both lists should have an <h1> level heading.

b.Print two lists with any information you want. One list should be an ordered list, the other list should be an unordered list.

c.Print a list which starts with 7 with the type 'i'.

d.Print two addresses in the same format used on the front of envelopes (senders address in top left corner, receivers address in the center).

e.Print ten acronyms and abbreviations of your choosing, each separated by two lines. Specify the data that the abbreviations and acronyms represent

```
<html lang="en">
<head>
  <title>Question 3</title>
</head>
<body>
  a.)<br>
  <h1>Unalphabetized list</h1>
```

```
Bill<sub>3</sub>
<br>
Roger<sub>5</sub>
<br>
Sandra<sub>6</sub>
<br>
Stacy<sub>7</sub>
<br>
William<sub>10</sub>
<br>
Thomas<sub>8</sub>
<br>
Wendy<sub>9</sub>
<br>
Jane<sub>4</sub>
<br>
Andy<sub>1</sub>
<br>
Anna<sub>2</sub>
```

```
<h1>Alphabetized list</h1>
```

```
Andy
<br>
Anna
<br>
Bill
<br>
Jane
<br>
Roger
<br>
Sandra
```

```
<br>
Stacy
<br>
Thomas
<br>
Wendy
<br >
William
    <hr>
    b.)
    <ul>
        <li>Banana</li>
        <li>Mango</li>
        <li>Grapes</li>
        <li>Guavas</li>
        <li>Orange</li>
    </ul>
    <ol>
        <li>Visual Studio</li>
        <li>Atom</li>
        <li>Sublime</li>
        <li>Codeblocks</li>
    </ol>
    <hr>
    c.)
    <ol type="I" start="7">
        <li>seventh item</li>
        <li>eighth item</li>
        <li>ninth item</li>
    </ol>
    <hr>
    d.)
    <div style="border: 2px black solid">
    <address>
        Dilbert H.<br>
        1234 Anim Street<br>
        P.O. Box 22222
    </address>

    <br>

    <center>
    <address>
        Someone A. Person<br>
        5555 Street Avenue<br>
        Metrpolitan, Metropolis 11111
    </address>
    </center>
    <br><br>
    </div>
    <hr>
    e.)<br>
    <abbr title="Abstract">Abstr.</abbr>
<br>
```

```

<abbr title="Biochemistry">Biochem.</abbr>
<br>
<abbr title="Example">Ex.</abbr>
<br>
<abbr title="Literature">Lit.</abbr>
<br>
<abbr title="Mathematics">Math.</abbr>
<br>
<acronym title="World Wide Web Consortium">W3C</acronym>
<br>
<acronym title="Institute of Electrical
and Electronic Engineers">IEEE</acronym>
<br>
<acronym title="International Standards Organization">
ISO
</acronym>
<br>
<acronym title="Hyper Text Markup Language">HTML</acronym>
<br>
<acronym title="Beginners All Purpose
Symbolic Instruction Code">BASIC
</acronym>
</body>
</html>

```

Output:

a.)

Unalphabetized list

Bill₃
Rogers₅
6
Stacy₇
William₁₀
Thomas₈
Wendy₉
Jane₄
Andy₁
Anna₂

Alphabetized list

Andy
Anna
Bill
Jane
Roger
Sandra
Stacy
Thomas
Wendy
William

b.)

- Banana
- Mango
- Grapes
- Guavas
- Orange

b.)

- Banana
 - Mango
 - Grapes
 - Guavas
 - Orange
1. Visual Studio
 2. Atom
 3. Sublime
 4. Codeblocks

c.)

- VII. seventh item
VIII. eighth item
IX. ninth item

d.)

*Dilbert H.
1234 Anim Street
P.O. Box 22222*

*Someone A. Person
5555 Street Avenue
Metropolitan, Metropolis 11111*

e.)

Abstr.
Biochem.
Ex.
Lit.
Math.
W3C
IEEE
ISO
HTML

Q4 HTML TABLES (design a table in given format)



```
<html lang="en">
<head>
  <title>Question 4</title>
</head>
<body>
  <table border="2px black solid">
    <tr>
      <th colspan="4">Purchased Equipments(June, 2006)</th>
    </tr>
    <tr>
      <th rowspan="2">Item Num#</th>
      <th rowspan="2">Item Pic</th>
      <th>Item Description</th>
      <th>Price</th>
    </tr>
    <tr>
      <th>Shipping Handling,Installation</th>
      <th>Expenses</th>
    </tr>
    <tr>
      <td rowspan="2">1.</td>
      <td rowspan="2"></td>
      <td>IBM CClone Computer</td>
      <td>$400.00</td>
    </tr>
    <tr>
      <td>Shipping Handling, Installation</td>
      <td>$20.00</td>
    </tr>
    <tr>
      <td rowspan="2">2.</td>
```

```

        <td rowspan="2"></td>
        <td>1GB RAM module for Computer</td>
        <td>$50.00</td>
    </tr>
    <tr>
        <td>Shipping Handling, Installation</td>
        <td>$14.00</td>
    </tr>
    <tr>
        <th colspan="4">Purchased Equipments(June, 2006)</th>
    </tr>
</table>
</body>
</html>

```

Output:

Purchased Equipments(June, 2006)			
Item Num#	Item Pic	Item Description	Price
		Shipping Handling,Installation	Expenses
1.		IBM CLone Computer	\$400.00
		Shipping Handling, Installation	\$20.00
2.		1GB RAM module for Computer	\$50.00
		Shipping Handling, Installation	\$14.00
Purchased Equipments(June, 2006)			

Q5 Design a form(in given format)

```

<html lang="en">
<head>
    <title>Question 5</title>
</head>
<body>
    <table style=" background-color: lightgray;">
        <tr style="background-color: grey;"><th></th><th>The World of Fruit</th></tr>
        <form>
            <tr><th></th><th>Fruit Survey</th></tr>
            <tr>
                <td align="right">Name</td>
                <td><input type="text"></td>
            </tr>
            <tr>

```

```

        <td align="right">Address</td>
        <td><input type="text"></td>
    </tr>
    <tr>
        <td align="right">Email</td>
        <td><input type="email"></td>
    </tr>
    <tr>
        <td align="right" rowspan="4">How many pieces of fruit<br> do you eat per
day?</td>
        <td><input name="a" type="radio">0</td>
    </tr>
    <tr>
        <td><input name="a" type="radio">1</td>
    </tr>
    <tr>
        <td><input name="a" type="radio">2</td>
    </tr>
    <tr>
        <td><input name="a" type="radio">More than 2</td>
    </tr>
    <tr>
        <td align="right">My favourite fruit</td>
        <td>
            <select size="4">
                <option>Banana</option>
                <option>Guava</option>
                <option>Mango</option>
                <option>Grape</option>
                <option>Orange</option>
            </select>
        </td>
    </tr>
    <tr>
        <td align="right">Would you like a<br> brochure?</td>
        <td><input type="checkbox"></td>
    </tr>
    <tr>
        <td></td>
        <td><input type="submit"></td>
    </tr>
</form>
</table>
</body>
</html>

```

Output:

← → ↻ ⓘ File | D:/sem4/F-IWP/LABIWP/CycleSheet1/q5.html

The World of Fruit

Fruit Survey

Name
Address
Email

☐ 0
☐ 1
☐ 2
☐ More than 2

How many pieces of fruit
do you eat per day?

My favourite fruit

Banana ▲
Guava
Mango
Grape ▼

Would you like a
brochure? ☐

Submit

Q6 Create a stylesheet named “styleme.css” to improve the appearance of your “About Me” page (Q.No:2).

- Change the colour of at least two elements
- Change the font properties (family, size, weight, or style) of at least two elements. Some standard fonts: Arial, Arial Black, Verdana, Trebuchet MS, Georgia, Tahoma, Courier New, Times New Roman
- Change the background color, text alignment and borders.

HTML:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <title>Question 6</title>
  <link rel="stylesheet" type="text/css" href="./styleme.css">
</head>
<body>
  <h1>Harshit Srivastava</h1>
  <address>1/164 Chiranjeev Vihar,<br> Ghaziabad, UP.<br> PIN:201002</address>
  <hr>
  <p>
    I am an enthusiastic learner who believes in working hard and never giving up. My
    areas of interest majorly involve<b> Deep Learning, Data Mining and Web Development</b>. M
    athematics has always been my favourite subject and i intend to use <b>applied maths</b> t
    o resolve day to day problems. Music has always been my hobby. I am also a <b>tabla Player
    </b>. The most important principle of my life is<b> Punctuality and honesty</b>. My motto
    is, <b>"Endure and Fight"</b>.
  </p>
  <hr>

```

```

<ol>
  <li style="color: red;">SIN: Social and Information Networks. We learn about Social networks in CSE along with Sentiment Analysis and Data Mining.</li>
  <li style="color: blue;">Blockchain: Use and implementation of blockchain in daily life applications in field of cryptocurrency, finance, agriculture, etc.</li>
  <li style="color: green;">IWP: Internet and Web Programming. We learn Frontend web development using HTML, CSS and JS. For Backend we'll learn PHP and MySQL in databases. We'll also use NodeJs.</li>
</ol>

<ol>
  MOVIES:
  <li>Star Wars <a href="https://www.hotstar.com/in/movies/star-wars-the-last-jedi/1660010667">Link to movie</a></li>
  <li>Avengers</li>
  <li>Captain America</li>
</ol>
<hr>
<p>Happy:
  
  Sad:
  
</p>
<hr>
<p id="neighbour">
  My Neighbour is so lazy. I have often seen random kids steal fruits from his garden and he sits right there and does nothing. Later, he cries in every public gathering that the kids stole his food. I feel the irony, he can stop the kids right in front of his eyes but instead he chooses to cry about it.
</p>
<hr>
<dl>
  <dt>C++</dt><dd>Classes, STL, recursion, iterations, etc.(****)</dd>
  <dt>C</dt><dd>Data structures, recursion, iterations, files etc.(****)</dd>
  <dt>Java</dt><dd>Classes, recursion, iterations, etc.(***)</dd>
  <dt>Python</dt><dd>Classes, recursion, iterations, etc.(****)</dd>
</dl>
</body>
</html>

```

CSS: styleme.css

```

body{
  color: azure;
  background-color: black;
  text-align: center;
  padding: 10px 80px;
  margin: 0px 20px;
  border: cyan 5px double;
}

```

```

}
h1{
  color: yellow;
  font-family: cursive;
}
address{
  color: violet;
}
a{
  color: crimson;
}
dl{
  font-family: Arial;
}
#neighbour{
  margin: 0px 20px;
  background-color: darkgreen;
  color: darkorange;
}

```

Output:

Harshit Srivastava


*1/164 Chiranjeev Vihar,
Ghaziabad, UP.
PIN:201002*

I am an enthusiastic learner who believes in working hard and never giving up. My areas of interest majorly involve **Deep Learning, Data Mining and Web Development**. Mathematics has always been my favourite subject and i intend to use **applied maths** to resolve day to day problems. Music has always been my hobby. I am also a **tabla Player**. The most important principle of my life is **Punctuality and honesty**. My motto is, "**Endure and Fight**".


1. **SIN: Social and Information Networks.** We learn about Social networks in CSE along with Sentiment Analysis and Data Mining.
2. **Blockchain:** Use and implementation of blockchain in daily life applications in field of cryptocurrency, finance, agriculture, etc.
3. **IWFP: Internet and Web Programming.** We learn Frontend web development using HTML, CSS and JS. For Backend we'll learn PHP and MySQL in databases. We'll also use Nodejs.

MOVIES:

1. Star Wars [Link to movie](#)
2. Avengers
3. Captain America



Happy:



Sad:

My Neighbour is so lazy. I have often seen random kids steal fruits from his garden and he sits right there and does nothing. Later, he cries in every public gathering that the kids stole his food. I feel the irony, he can stop the kids right infront of his eyes but instead he chooses to cry about it.

C++
Classes, STL, recursion, iterations, etc.(****)

C
Data structures, recursion, iterations, files etc.(*****)

Java
Classes, recursion, iterations, etc.(***)

Python
Classes, recursion, iterations, etc.(*****)

Q7. Write the CSS code necessary to recreate the following appearance on-screen, exactly as shown.

The menu items (Summary to Trailers and Videos) are white text on a black background. There is 20px space between the words and the right and left sides of their black boxes. There is 3px of blank space to the right of each.

The score information should be 50% wide.

The movie rating has a green background and white text. The number is in 30pt font. There is 20px space between the number and the edges of the green background. There is 5px blank space around the green background.

The background color of the page is gray but the background color of the area containing everything is white. The white area is 80% wide and centered. There is 20px of space between the edge of the white background and everything inside it.

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Question 7</title>
  <link rel="stylesheet" href="q7.css">
</head>
<body>
  <div class="mb">
    <h1>WALL-E</h1>
    <br>
    <p>© Walt Disney Studios Motion Pictures</p>
    <div class="nav">
      <div class="nav-item">Summary</div>
      <div class="nav-item">Critic Reviews</div>
      <div class="nav-item">User Reviews</div>
      <div class="nav-item">Details and credits</div>
      <div class="nav-item">Trailers and videos</div>
    </div>
    <br>
    <br>

    <div class="row">
      <div>
        
      </div>
      <div style="font-size: 50px;background-color: green;font-
weight: bold; margin: 0% 2%;height: max-content;padding: 8px;">
        94
      </div>
      <div>
        <h1 style="text-align: left;">MetaScore</h1>
        <br>
        <p>Universal Exclaim<br>Based on 39 Critics</p>
      </div>
    </div>
  </div>
</body>
</html>
```

```

        <br>
        <ul>
            <li> Starring: Lorem ipsum dolor sit amet consectetur</li>
            <li>
                Summary: Lorem ipsum dolor sit amet consectetur, adipisicing elit.
<br> Ab iste eveniet, consectetur tenetur voluptatem eum esse quasi blanditiis<br>
                minus soluta atque quis? Recusandae distinctio facilis quibusdam
quod.<br>
                Totam, sit. Voluptatum.
            </li>
        </ul>
    </div>
</div>
</div>
</body>
</html>

```

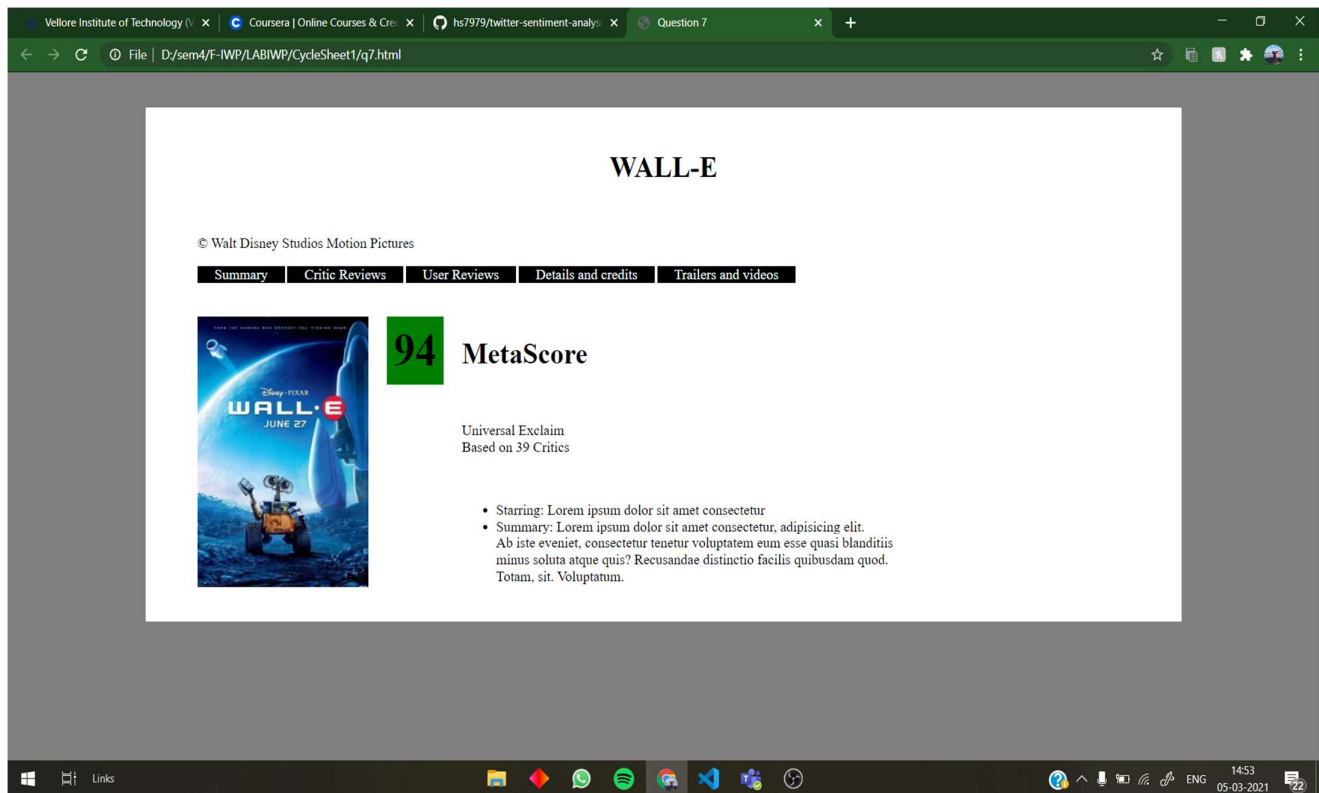
CSS: q7.css

```

body{
    padding: 2% 10%;
    background-color: grey;
}
.nav{
    display: flex;
}
.nav-item{
    background-color: black;
    color: azure;
    margin-right: 3px;
    padding-left: 20px;
    padding-right: 20px;
}
.row::after {
    content: "";
    clear: both;
    display: table;
}
.row{
    display: flex;
}
.mb{
    background-color: white;
    padding: 2% 5%;
}
h1{
    text-align: center;
}
td{
    background-color: black;
    color: azure;
}

```


Output:



Q8 Design a presentation style for your Web pages using an external CSS file. Use a presentation style with three boxes as suggested in below Figure. Use <div> tags with different classes to implement the boxes. Modify the Web pages to use this presentation style and verify that it works. Change the style so that links gets enhanced (bold, color and/or background) when the mouse pointer hovers above it.

HTML:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Question 8</title>
  <link rel="stylesheet" href="q8.css">
</head>
<body>
  <div class="top">
    <h1 style="text-align: center;">
      Hi There, My name is Harshit Srivastava
    </h1>
  </div>
  <div class="bottom">
    <div class="nav">
      <h2>Navigate</h2>
      <ul>
        <li><a href="https://www.pexels.com/search/landscape/">Item 1</a></li>
        <li><a href="https://www.pexels.com/search/landscape/">Item 2</a></li>
      </ul>
    </div>
  </div>
</body>
</html>
```

```

        <li><a href="https://www.pexels.com/search/landscape/">Item 3</a></li>
        <li><a href="https://www.pexels.com/search/landscape/">Item 4</a></li>
        <li><a href="https://www.pexels.com/search/landscape/">Item 5</a></li>
    </ul>
</div>
<div class="data">
    <h2>Content</h2>
    <p>Lorem ipsum dolor sit amet consectetur, adipisicing elit. Eos perferendis, repellat fugiat, officia ea minus, est possimus et eligendi eaque unde beatae repellendus. Architecto enim dolore delectus officii inventore beatae.
    Dicta quo impedit ipsum iste expedita dolore, necessitatibus fuga, iusto voluptates nam ad, cupiditate dolor soluta repellendus rem nihil! Blanditiis facilis doloremque temporibus eveniet modi nulla expedita aliquid nesciunt magni?
    Possimus, ullam sunt molestias omnis voluptatum ut fugiat corporis<a href="https://www.pexels.com/search/landscape/">Link</a> repudiandae sint provident unde dicta quibusdam voluptatibus aliquam cumque libero modi, expedita autem vitae voluptas? Accusamus hic accusantium pariatur totam molestiae.
    Debitis praesentium facilis deleniti sapiente fuga quia labore ipsum incidunt similique deserunt, et cum a iure qui optio asperiores! Facere excepturi voluptate quasi deleniti quo autem impedit velit culpa qui.
    Reprehenderit illo maiores ab adipisci cumque perferendis sint soluta inventore deserunt vitae. Itaque ad eveniet est explicabo nobis perferendis fuga ipsum minima amet vero reprehenderit iure nam, qui omnis tempora!</p>
    <a href="https://www.pexels.com/search/landscape/">Item 5</a>
<p>
    Lorem ipsum dolor, sit amet consectetur adipisicing elit. Saepe accusamus repudiandae aspernatur dolorem voluptatibus sed nemo accusantium excepturi temporibus eos, pariatur autem tenetur ea ipsa consequatur. Neque, nihil nostrum!
    Earum doloremque tempora reiciendis excepturi sed reprehenderit, harum aliquam facilis iusto similique nisi quasi est at magnam ipsam optio error illo fugiat laborum vel cupiditate? Similique architecto repellat perferendis veritatis.
    Error accusantium vel alias quas, consequuntur voluptates iste eveniet sapiente delectus nostrum optio debitis fugit totam blanditiis minus nemo sequi quo atque voluptas nam quod. Minima quisquam doloremque ab sit.
    Sit voluptatum error quis. Quis, earum culpa ipsum, saepe itaque fugiat error et tempore ullam quia est fugit mollitia. Culpa voluptatum reprehenderit omnis. Earum ab quasi necessitatibus aliquid voluptatum laborum.
    Reiciendis, maiores, aliquam error accusamus aspernatur saepe labore eligendi, veniam culpa soluta odio! Doloremque rerum quidem odio iste ab temporibus fugit consequuntur quae, sint animi porro repudiandae numquam nisi tempore.
    </p>
</div>
</div>
</body>
</html>

```

CSS: q8.css

```

.top{
    padding: 20px 2px;
    background-image: url("https://images.pexels.com/photos/414171/pexels-photo-414171.jpeg?auto=compress&cs=tinysrgb&dpr=1&w=500");
    background-size: cover;
}

```

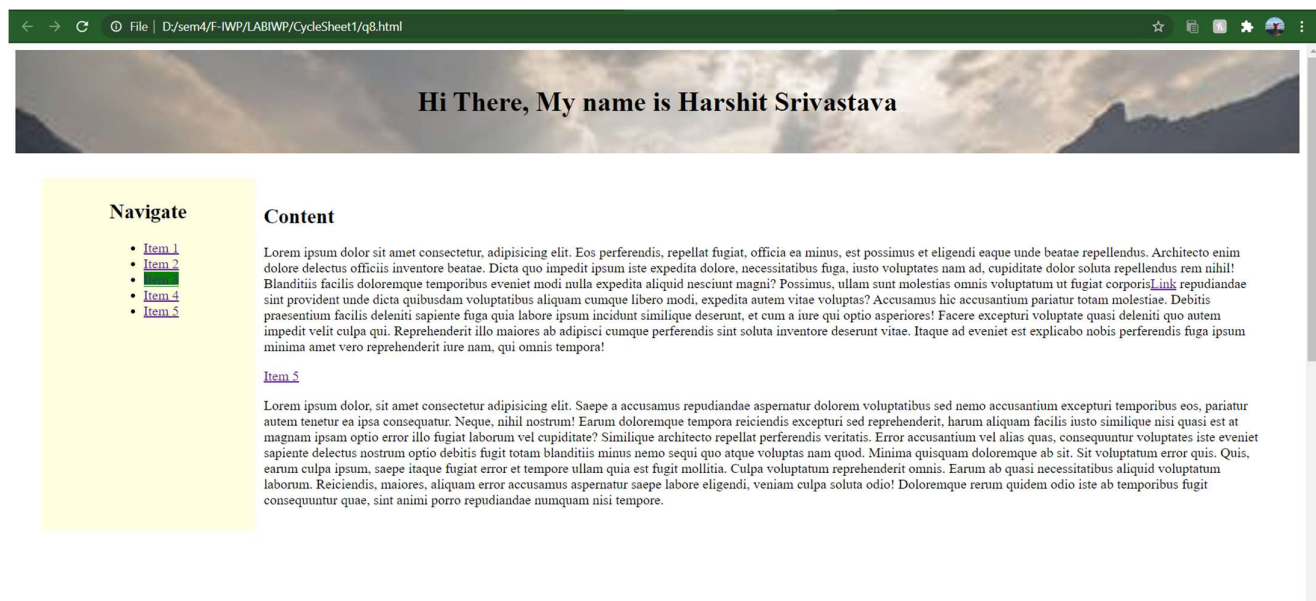
```

}
.bottom{
    display: flex;
    margin: 2% 2%;
}
.nav{
    background-color: lightyellow;
    padding: 5px 80px;
}
.data{
    padding: 10px;
}
a:hover{
    background-color: green;
    text-decoration-color: azure;
}

```

Output:

Upon hovering over nay link the link's background turns green as shown in the screenshot:



Q9 Multimedia

Copy some multimediafiles to your Web folder, at least one picture and one video.

i.Add an image using canvas in one of your pages.

ii.Add a video in one of your pages. (Hint: Check out the tags '<video>', '<embed>', and '<object>' used in the page variably.)

HTML: Embed Video and Canvas in an existing page so we added them as divs in Question 8

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">

```

```

<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Question 9</title>
<link rel="stylesheet" href="q9.css">
</head>
<body>
  <div class="top">
    <h1 style="text-align: center;">
      Hi There, My name is Harshit Srivastava
    </h1>
  </div>
  <div class="bottom">
    <div class="nav">
      <h2>Navigate</h2>
      <ul>
        <li><a href="https://www.pexels.com/search/landscape/">Item 1</a></li>
        <li><a href="https://www.pexels.com/search/landscape/">Item 2</a></li>
        <li><a href="https://www.pexels.com/search/landscape/">Item 3</a></li>
        <li><a href="https://www.pexels.com/search/landscape/">Item 4</a></li>
        <li><a href="https://www.pexels.com/search/landscape/">Item 5</a></li>
      </ul>
    </div>
    <div class="data">
      <h2>Content</h2>
      <p>Lorem ipsum dolor sit amet consectetur, adipisicing elit. Eos perferendis, repellat fugiat, officia ea minus, est possimus et eligendi eaque unde beatae repellendus. Architecto enim dolore delectus officiis inventore beatae.
      Dicta quo impedit ipsum iste expedita dolore, necessitatibus fuga, iusto voluptates nam ad, cupiditate dolor soluta repellendus rem nihil! Blanditiis facilis doloremque temporibus eveniet modi nulla expedita aliquid nesciunt magni?
      Possimus, ullam sunt molestias omnis voluptatum ut fugiat corporis<a href="https://www.pexels.com/search/landscape/">Link</a> repudiandae sint provident unde dicta quibusdam voluptatibus aliquam cumque libero modi, expedita autem vitae voluptas? Accusamus hic accusantium pariatur totam molestiae.
      Debitis praesentium facilis deleniti sapiente fuga quia labore ipsum incidunt similique deserunt, et cum a iure qui optio asperiores! Facere excepturi voluptate quasi deleniti quo autem impedit velit culpa qui.
      Reprehenderit illo maiores ab adipisci cumque perferendis sint soluta inventore deserunt vitae. Itaque ad eveniet est explicabo nobis perferendis fuga ipsum minima amet vero reprehenderit iure nam, qui omnis tempora!</p>
      <a href="https://www.pexels.com/search/landscape/">Item 5</a>
    </div>
    <p>
      Lorem ipsum dolor, sit amet consectetur adipisicing elit. Saepe accusamus repudiandae aspernatur dolorem voluptatibus sed nemo accusantium excepturi temporibus eos, pariatur autem tenetur ea ipsa consequatur. Neque, nihil nostrum!
      Earum doloremque tempora reiciendis excepturi sed reprehenderit, harum aliquam facilis iusto similique nisi quasi est at magnam ipsam optio error illo fugiat laborum vel cupiditate? Similique architecto repellat perferendis veritatis.
      Error accusantium vel alias quas, consequuntur voluptates iste eveniet sapiente delectus nostrum optio debitis fugit totam blanditiis minus nemo sequi quo atque voluptas nam quod. Minima quisquam doloremque ab sit.
      Sit voluptatum error quis. Quis, earum culpa ipsum, saepe itaque fugiat error et tempore ullam quia est fugit mollitia. Culpa voluptatum reprehenderit omnis. Earum ab quasi necessitatibus aliquid voluptatum laborum.
    </p>
  </div>

```

Reiciendis, maiores, aliquam error accusamus aspernatur saepe labore eligendi, veniam culpa soluta odio! Doloremque rerum quidem odio iste ab temporibus fugit consequuntur quae, sint animi porro repudiandae numquam nisi tempore.

```
</p>
</div>
</div>
<div id="vid">
  <video width="500px" height="500px" controls>
    <source src="./2021-02-26 17-19-06.mp4" type="video/mp4">
  </video>
</div>
<br>
<div id="canim">
  
  <p>Canvas to fill:</p>
  <canvas id="myCanvas" width="500" height="400" style="border:1px solid #d3d3d3;">
    Your browser does not support the HTML canvas tag.</canvas>
  <p><button onclick="myCanvas()">Try it</button></p>
</div>
<script>
function myCanvas() {
  var c = document.getElementById("myCanvas");
  var ctx = c.getContext("2d");
  var img = document.getElementById("night");
  ctx.drawImage(img,-50,-50);
}
</script>
</body>
</html>
```

CSS: q9.css

```
.top{
  padding: 20px 2px;
  background-image: url("https://images.pexels.com/photos/414171/pexels-photo-414171.jpeg?auto=compress&cs=tinysrgb&dpr=1&w=500");
  background-size: cover;
}
.bottom{
  display: flex;
  margin: 2% 2%;
}
.nav{
  background-color: lightyellow;
  padding: 5px 80px;
}
.data{
  padding: 10px;
}
a:hover{
  background-color: green;
  text-decoration-color: azure;
}
```

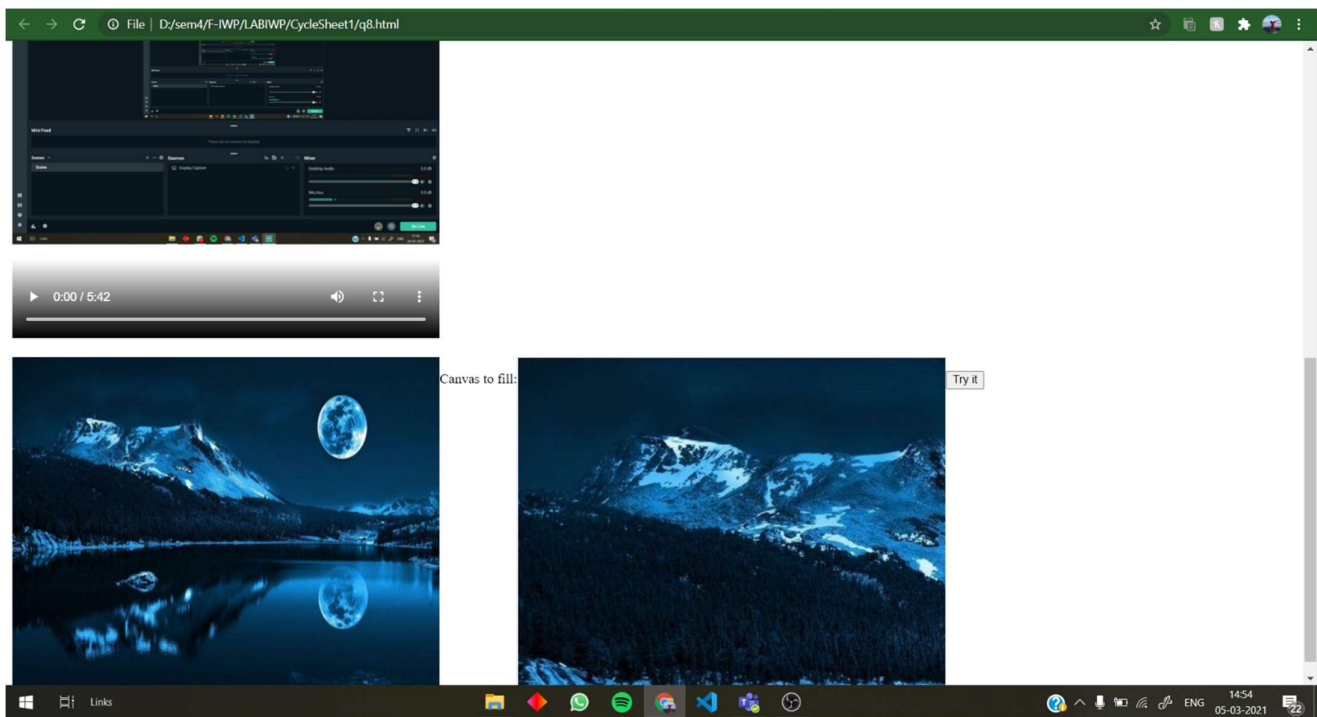
```
#vid{
  display: block;
  margin-right:auto ;
  margin-left: auto;
}
#canim{
  display: flex;
}
```

Output:

Embed the video and canvas on an existing page.

I added the Video and Canvas Divs in the question 8 Html page itself.

The screenshot shows a web browser window with multiple tabs. The active tab is titled 'Question 8'. The address bar shows the URL 'D:/sem4/F-IWP/LABIWP/CycleSheet1/q8.html'. The page has a 'Navigate' sidebar on the left with a list of links: [Item 1](#), [Item 2](#), [Item 3](#), [Item 4](#), and [Item 5](#). The main content area is titled 'Content' and contains two paragraphs of Lorem Ipsum text. The first paragraph is followed by a link to [Item 5](#). The second paragraph is followed by a link to [Item 5](#). The browser's taskbar at the bottom shows various application icons and the system clock indicating 14:54 on 05-03-2021.



Q10 Write a program to demonstrate the concept of HTML Image mapping element.

- Add an image of the cricket playground.
- Use image mapping to give the details about the various fielding positions.(e.g.Gully, slip etc., - write description about it and your favourite fielders at that point)

Html file 1: Field View for Cricket field, upon hovering over a marked area, you can see its tile and clicking on it we can see more information about that image area due to map element.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Field View</title>
</head>
<body>
  <div style="display: flex;">
    
    <map name="mappos">
      <area alt="Wicketkeeper" title="Wicketkeeper" href="q10a.html" coords="371,33
3,425,269" shape="rect">
      <area alt="Slip" title="Slip" href="q10b.html" coords="294,17
6,351,236" shape="rect">
      <area alt="Long On" title="Long On" href="q10c.html" coords="546,62
7,617,707" shape="rect">
      <area alt="Fine Leg" title="Fine Leg" href="q10d.html" coords="566,96
,640,173" shape="rect">
      <area alt="Cover" title="Cover" href="q10e.html" coords="229,45
9,280,530" shape="rect">
      <area alt="Bowler" title="Bowler" href="q10f.html" coords="375,45
8,399,531" shape="rect">
    </map>
  </div>
</body>
```

```
</html>
```

Html file 2:

Info regarding a particular fielding position

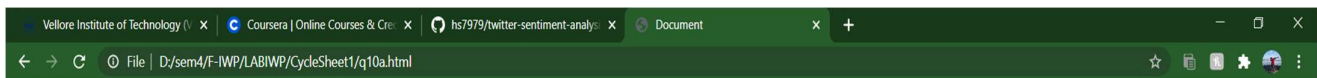
```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Wicketkeeper</title>
</head>
<body>
  <h1>Wicketkeeper</h1>
  
  <dl>
    <dt>Wicketkeeper</dt>
    <dd>The wicket-
keeper in the sport of cricket is the player on the fielding side who stands behind the wicket or stumps being watchful of the batsman and ready to take a catch, stump the batsman out and run out a batsman when occasion arises. The wicket-keeper is the only member of the fielding side permitted to wear gloves and external leg guards. The role of the keeper is governed by Law 27 of the Laws of Cricket.</dd>
  </dl>
  <ul>
    MS Dhoni
    <li>Career:2004-2019</li>
    <li>Matches:350</li>
    <li>Dismissals:444</li>
  </ul>
</body>
</html>
```

Output:

On the main page I displayed an image of the field, we have different regions on the page, Wicketkeeper, Fine Leg, Baller, Long On, Cover and Slip. Upon hovering over these areas we can see the title and clicking on this region will take us to a page for detailed description of that position.



Upon Clicking on the wicket keeping region, we are redirected to a new page where we can see the definition of a wicketkeeper and some stats about my favourite keeper, Ms Dhoni.



Wicketkeeper



Wicketkeeper

The wicket-keeper in the sport of cricket is the player on the fielding side who stands behind the wicket or stumps being watchful of the batsman and ready to take a catch, stump the batsman out and run out a batsman when occasion arises. The wicket-keeper is the only member of the fielding side permitted to wear gloves and external leg guards. The role of the keeper is governed by Law 27 of the Laws of Cricket.

MS Dhoni

- Career:2004-2019
- Matches:350
- Dismissals:444