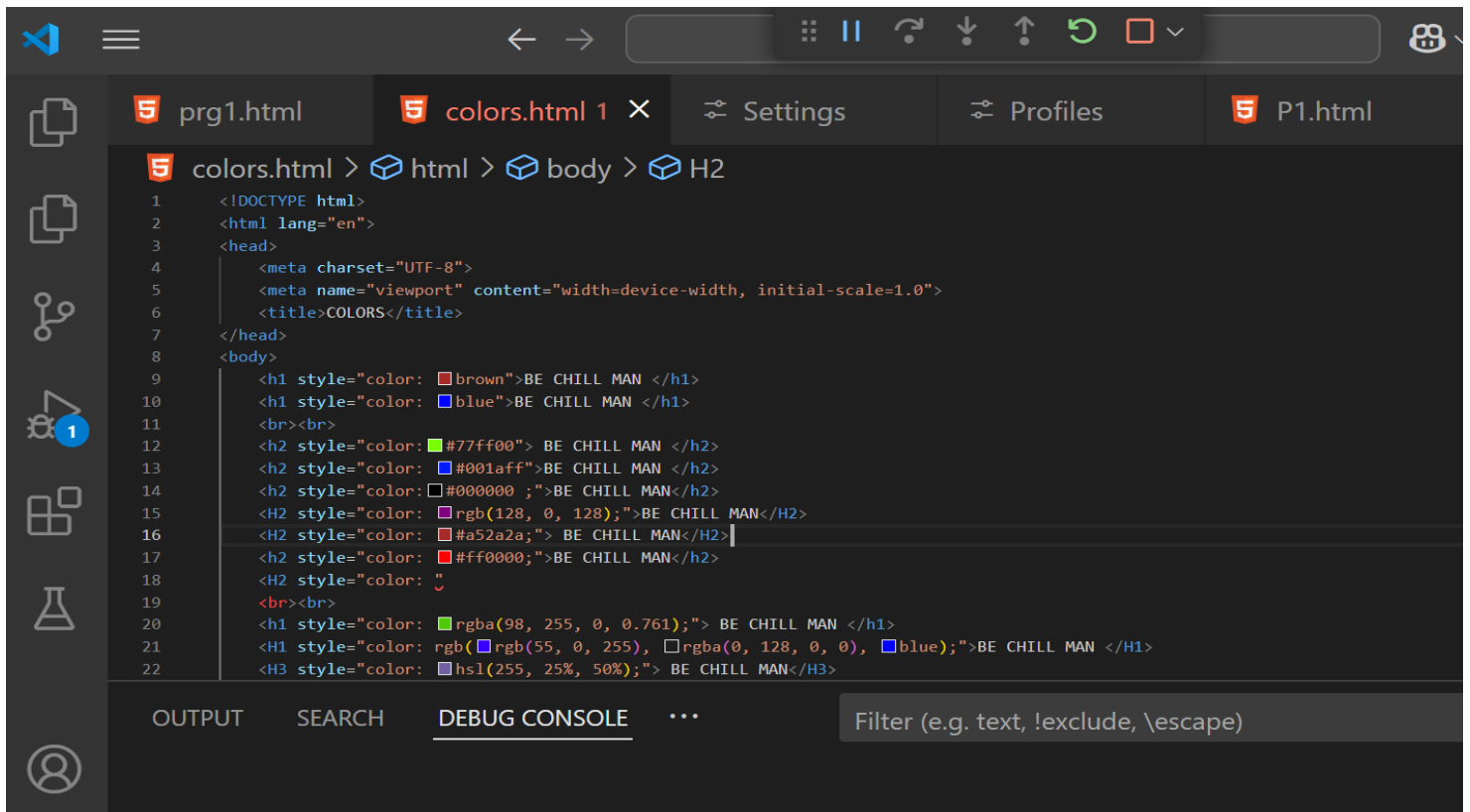


NAME: BHARATH KUMAR G R

BATCH: A4

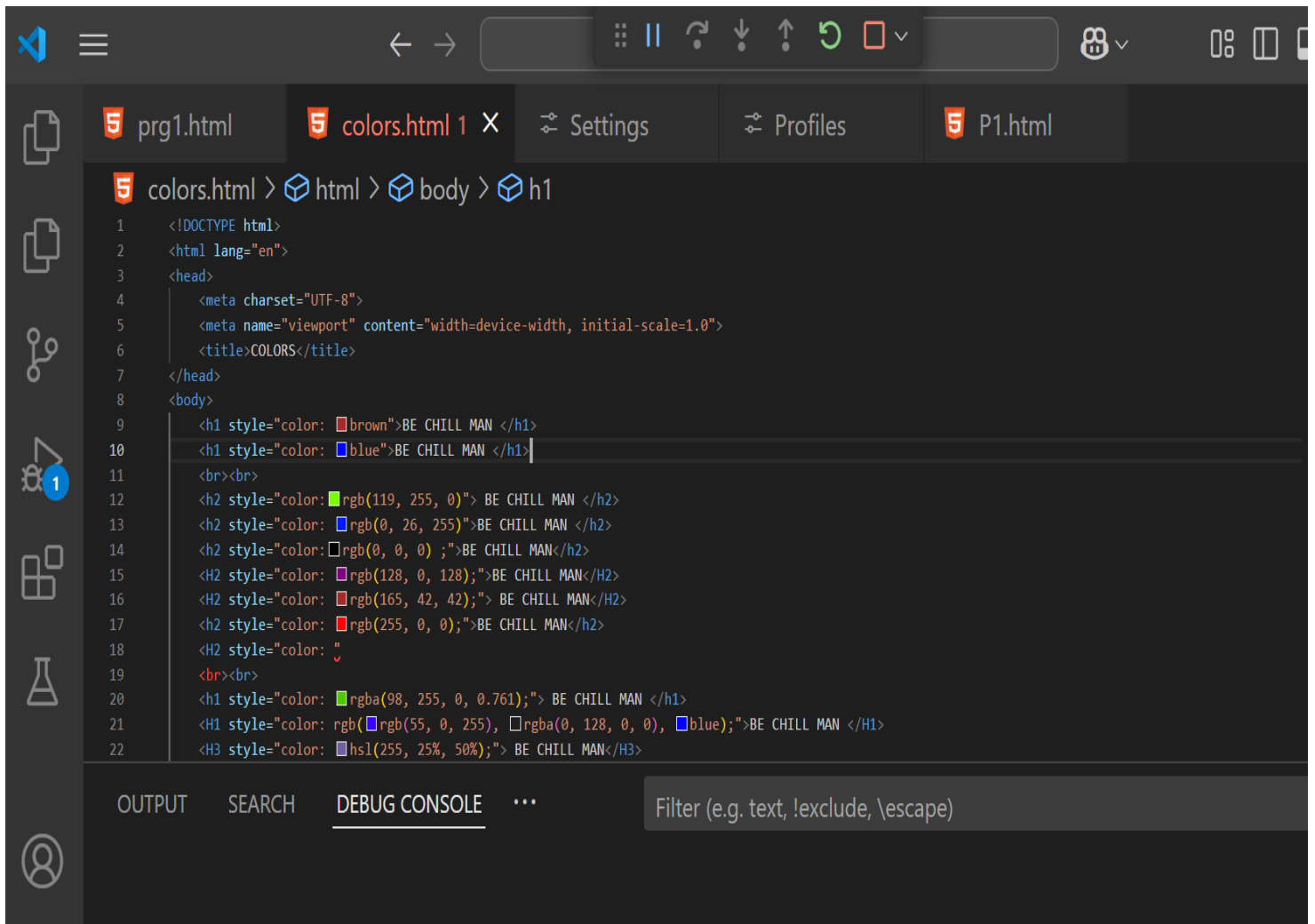
ASSIGNMENT:2



The screenshot shows the VS Code editor with the file 'colors.html' open. The breadcrumb navigation indicates the current location is 'html > body > H2'. The code in the editor is as follows:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>COLORS</title>
7 </head>
8 <body>
9   <h1 style="color: brown">BE CHILL MAN </h1>
10  <h1 style="color: blue">BE CHILL MAN </h1>
11  <br><br>
12  <h2 style="color: #77ff00"> BE CHILL MAN </h2>
13  <h2 style="color: #001aff">BE CHILL MAN </h2>
14  <h2 style="color: #000000 ;">BE CHILL MAN</h2>
15  <H2 style="color: rgb(128, 0, 128);">BE CHILL MAN</H2>
16  <H2 style="color: #a52a2a;"> BE CHILL MAN</H2>
17  <h2 style="color: #ff0000;">BE CHILL MAN</h2>
18  <H2 style="color: ">
19  <br><br>
20  <h1 style="color: rgba(98, 255, 0, 0.761);"> BE CHILL MAN </h1>
21  <H1 style="color: rgb(rgb(55, 0, 255), rgba(0, 128, 0, 0), blue);">BE CHILL MAN </H1>
22  <H3 style="color: hsl(255, 25%, 50%);"> BE CHILL MAN</H3>
```

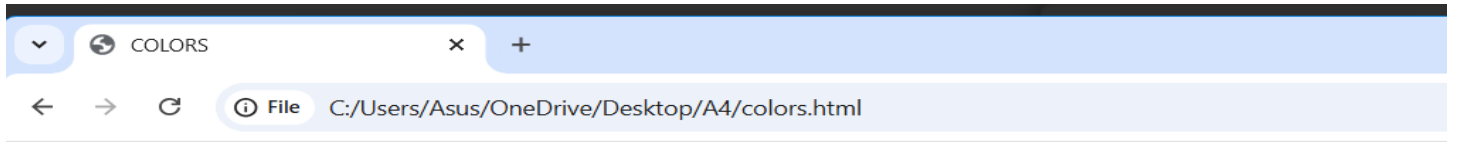
The bottom of the editor shows tabs for 'OUTPUT', 'SEARCH', 'DEBUG CONSOLE', and a filter input field containing 'Filter (e.g. text, !exclude, \escape)'.



The screenshot shows the VS Code editor with the file 'colors.html' open. The breadcrumb navigation indicates the current location is 'html > body > h1'. The code in the editor is as follows:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>COLORS</title>
7 </head>
8 <body>
9   <h1 style="color: brown">BE CHILL MAN </h1>
10  <h1 style="color: blue">BE CHILL MAN </h1>
11  <br><br>
12  <h2 style="color: rgb(119, 255, 0)"> BE CHILL MAN </h2>
13  <h2 style="color: rgb(0, 26, 255)">BE CHILL MAN </h2>
14  <h2 style="color: rgb(0, 0, 0) ;">BE CHILL MAN</h2>
15  <H2 style="color: rgb(128, 0, 128);">BE CHILL MAN</H2>
16  <H2 style="color: rgb(165, 42, 42);"> BE CHILL MAN</H2>
17  <h2 style="color: rgb(255, 0, 0);">BE CHILL MAN</h2>
18  <H2 style="color: ">
19  <br><br>
20  <h1 style="color: rgba(98, 255, 0, 0.761);"> BE CHILL MAN </h1>
21  <H1 style="color: rgb(rgb(55, 0, 255), rgba(0, 128, 0, 0), blue);">BE CHILL MAN </H1>
22  <H3 style="color: hsl(255, 25%, 50%);"> BE CHILL MAN</H3>
```

The bottom of the editor shows tabs for 'OUTPUT', 'SEARCH', 'DEBUG CONSOLE', and a filter input field containing 'Filter (e.g. text, !exclude, \escape)'.



**BE CHILL MAN**

**BE CHILL MAN**

**BE CHILL MAN**

**BE CHILL MAN**

**BE CHILL MAN**

**BE CHILL MAN**

**BE CHILL MAN**

**BE CHILL MAN**

**BE CHILL MAN**

**BE CHILL MAN**

**BE CHILL MAN**

0-9 10, 11 12 13 14 15  
A B C D E F

→ Hexadecimal values

RGB  
Red Green Blue

1) #77ff00

$$7 \times 16^1 + 7 \times 16^0$$

$$7 \times 16 + 7 \times 1$$

$$112 + 7$$

$$= 119$$

$$f \times 16^1 + f \times 16^0$$

$$15 \times 16 + 15 \times 1$$

$$240 + 15$$

$$= 255$$

$$0 \times 16^1 + 0 \times 16^0$$

$$00$$

$$00$$

0

RGB (119, 255, 00) - Lime Green

2) #000aff

$$0 \times 16^1 + 0 \times 16^0$$

$$0 \times 16 + 0 \times 1$$

$$= 00$$

$$1 \times 16^1 + a \times 16^0$$

$$1 \times 16 + 10 \times 1$$

$$16 + 10$$

$$= 26$$

$$f \times 16^1 + f \times 16^0$$

$$15 \times 16 + 15 \times 1$$

$$240 + 15$$

$$255$$

$$255$$

RGB (0, 26, 255) - blue

3) #000000 = Black

4) #800080

$$8 \times 16^1 + 0 \times 16^0$$

$$8 \times 16 + 0 \times 1$$

$$128$$

$$00$$

$$8 \times 16^1 + 0 \times 16^0$$

$$8 \times 16 + 0$$

$$= 128$$

RGB (128, 0, 128) - Purple

5) # 052a2a

$$a \times 16^1 + 5 \times 16^0$$

$$10 \times 16 + 5 \times 1$$

$$= 160 + 5$$

$$= 165$$

$$2 \times 16^1 + a \times 16^0$$

$$2 \times 16 + 10 \times 1$$

$$32 + 10$$

$$= 42$$

$$20$$

$$= 42$$

rgb(165, 42, 42) → Brown

6) # ff0000

$$f \times 16^1 + 1f \times 16^0$$

$$15 \times 16 + 15 \times 1$$

$$240 + 15$$

$$= 255$$

$$00$$

$$00$$

rgb(255, 0, 0) → pure red