

```
<!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" />
    <link rel="stylesheet" href="CSS/styles.css" />
    <link rel="preconnect" href="https://fonts.gstatic.com" />
    <link
      href="https://fonts.googleapis.com/css2?family=Freckle+Face&display=swap"
      rel="stylesheet"
    />
    <title>Digital-Clock</title>
  </head>
  <body onload="hour()" id="background">
    <div class="general-container">
      <div class="clock" id="container-clock">
        <div id="date">Date</div>
        <div id="time">Digital Clock</div>
      </div>
    </div>
    <script src="js/clock.js"></script>
  </body>
</html>
```

```
@import url("https://fonts.googleapis.com/css2?family=Oswald:wght@300&display=swap");
```

```
body {  
  background-image: url(/images/early-morning.png);  
  background-position: center center;  
  background-repeat: no-repeat;  
  background-attachment: fixed;  
  background-size: cover;  
  background-color: black;  
}
```

```
.general-container {  
  font-size: 50px;  
  font-family: "Freckle Face", cursive;  
  color: chartreuse;  
  display: flex;  
  justify-content: center;  
  align-items: center;  
  margin: 10%;  
  min-width: 400px;  
}
```

```
.clock {  
  background-color: #17202a;  
  padding: 30px;  
  min-height: 130px;  
  text-align: center;  
  border-radius: 100px;  
  margin-right: 20px;  
  border: 10px solid gray;  
  box-shadow: 70px 1px 0px 0px #2e4053;  
}
```

```
#date {  
  padding: 0;  
  margin-top: 5px;  
  margin-left: 8px;  
  margin-right: 40px;  
  font-size: 15px;  
  font-family: "Oswald", sans-serif;  
  letter-spacing: 3px;  
}
```

```
#time {  
  margin-left: 8px;  
  margin-right: 40px;  
  margin-bottom: 30px;  
  padding: 0;  
}
```

```
.encourage {  
  box-shadow: -70px -1px 0px 0px #2e4053;  
}
```



```

const months = [
  `January`,
  `February`,
  `March`,
  `April`,
  `May`,
  `June`,
  `July`,
  `August`,
  `September`,
  `October`,
  `November`,
  `December`,
];

const days = [
  `Sunday`,
  `Monday`,
  `Tuesday`,
  `Wednesday`,
  `Thursday`,
  `Friday`,
  `Saturday`,
];

const hour = () => {
  let timeNow = new Date();

  /* we add a zero if we get the hour, minutes and seconds from 1 to 9 */
  let hour =
    timeNow.getHours().toString().length === 1
      ? `0${timeNow.getHours()}`
      : timeNow.getHours();

  let minutes =
    timeNow.getMinutes().toString().length === 1
      ? `0${timeNow.getMinutes()}`
      : timeNow.getMinutes();

  let seconds =
    timeNow.getSeconds().toString().length === 1
      ? `0${timeNow.getSeconds()}`
      : timeNow.getSeconds();

  /* changing background according to the time */
  backgroundImage(hour);

  document.getElementById(`time`).innerHTML = `${hour}: ${minutes}: ${seconds}`;

  let ordinalNumber = ordinalDate(timeNow.getDate());
  let dateNow = `${days[timeNow.getDay()]}, ${months[timeNow.getMonth()]}
    } ${timeNow.getDate()}${ordinalNumber}, ${timeNow.getFullYear()}`;
  document.getElementById(`date`).innerHTML = dateNow;

  document.getElementById(`container-clock`).classList.toggle(`encourage`);
}

setInterval(hour, 1000);

/* obtaining wallpaper according to the time of day */
const backgroundImage = (time) => {
  let changeBackground = document.getElementById(`background`);
  const morning = `url(/images/morning.png)`;
  const afternoon = `url(/images/afternoon.png)`;
  const night = `url(/images/night.png)`;
  const early_morning = `url(/images/early-morning.png)`;

  return time >= 6 && time < 12
    ? (changeBackground.style.backgroundImage = morning)
    : time >= 12 && time < 19
      ? (changeBackground.style.backgroundImage = afternoon)
      : time >= 19 && time < 24
        ? (changeBackground.style.backgroundImage = night)
        : (changeBackground.style.backgroundImage = early_morning);
};

/* get cardinal number termination */
const ordinalDate = (date) => {
  switch (date) {
    case 1:
    case 21:
    case 31:
      return `st`;
    case 2:
    case 22:
      return `nd`;
    case 3:
    case 23:
      return `rd`;
    default:
      return `th`;
  }
};

```