

## Time\_Examples

```
//Displaying Time Examples
```

```
//Mr. H.
```

```
void setup()
```

```
{  
  size(600, 600);  
}
```

```
void draw()
```

```
{  
  background(255);  
  fill(0);  
  textSize(24);  
  textAlign(CENTER);  
  text("Displaying Times and Date", 300, 30);  
  textAlign(LEFT);
```

```
//Count Up Timer from 30
```

```
text("Regular Timer in seconds:", 50, 90);  
text(millis()/1000, 50, 120);
```

```
//Count Down Timer from 30
```

```
text("Count Down Time from 30 seconds:", 50, 190);  
if (31 - millis()/1000 >= 0)  
{  
  text(31 - millis()/1000, 50, 220);  
} else  
{  
  text("Times Up!", 50, 220);  
}
```

```
//Digital Clock
```

```
text("Basic Digital Clock:", 50, 290);  
text(hour(), 50, 320);  
text(":", 80, 320);  
text(nf(minute(), 2), 90, 320);  
text(":", 120, 320);  
text(nf(second(), 2), 130, 320);
```

```
//Calendar
```

```
textAlign(LEFT);  
text("Basic Calendar:", 50, 390);  
text("Day", 50, 420);  
textAlign(RIGHT);  
text(day(), 200, 420);  
textAlign(LEFT);  
text("Month", 50, 450);
```

```
textAlign(RIGHT);
text(month(), 200, 450);
textAlign(LEFT);
text("Year", 50, 480);
textAlign(RIGHT);
text(year(), 200, 480);
textAlign(LEFT);
}
```