Digital_Clock_Example

```
//Digital Clock Example
//function examples include "number fuction" nf(num,dig)
//Mr. H.

//declare an hour variable to correct for 24 hour clock
int hour;

void setup()
{
  size(600, 600);
}

void draw()
{
  background(255);
  //sets colour and size of text for digital clock
  textSize(20);
  fill(0);

  //switches between a.m. and p.m.
  if (hour() > 12) {
    hour = hour()-12;
    //use number function nf(number,digits) to display 2 digit time
    text(hour+":"+nf(minute(), 2)+":"+nf(second(), 2)+" p.m.", 20, 40);
  } else {
    text(hour()+":"+nf(minute(), 2)+":"+nf(second(), 2)+" a.m.", 20, 40);
  }
}
```