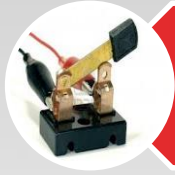




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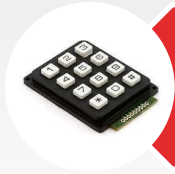
BIG 6 CONCEPTS



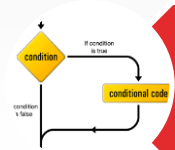
digitalWrite()



analogWrite()



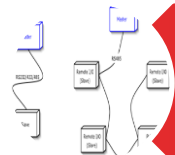
digitalRead()



if() statements / Boolean



analogRead()



Serial communication



Let's get to coding...

Project #1 – Blink

“Hello World” of Physical Computing

Pseudo-code – how should this work?

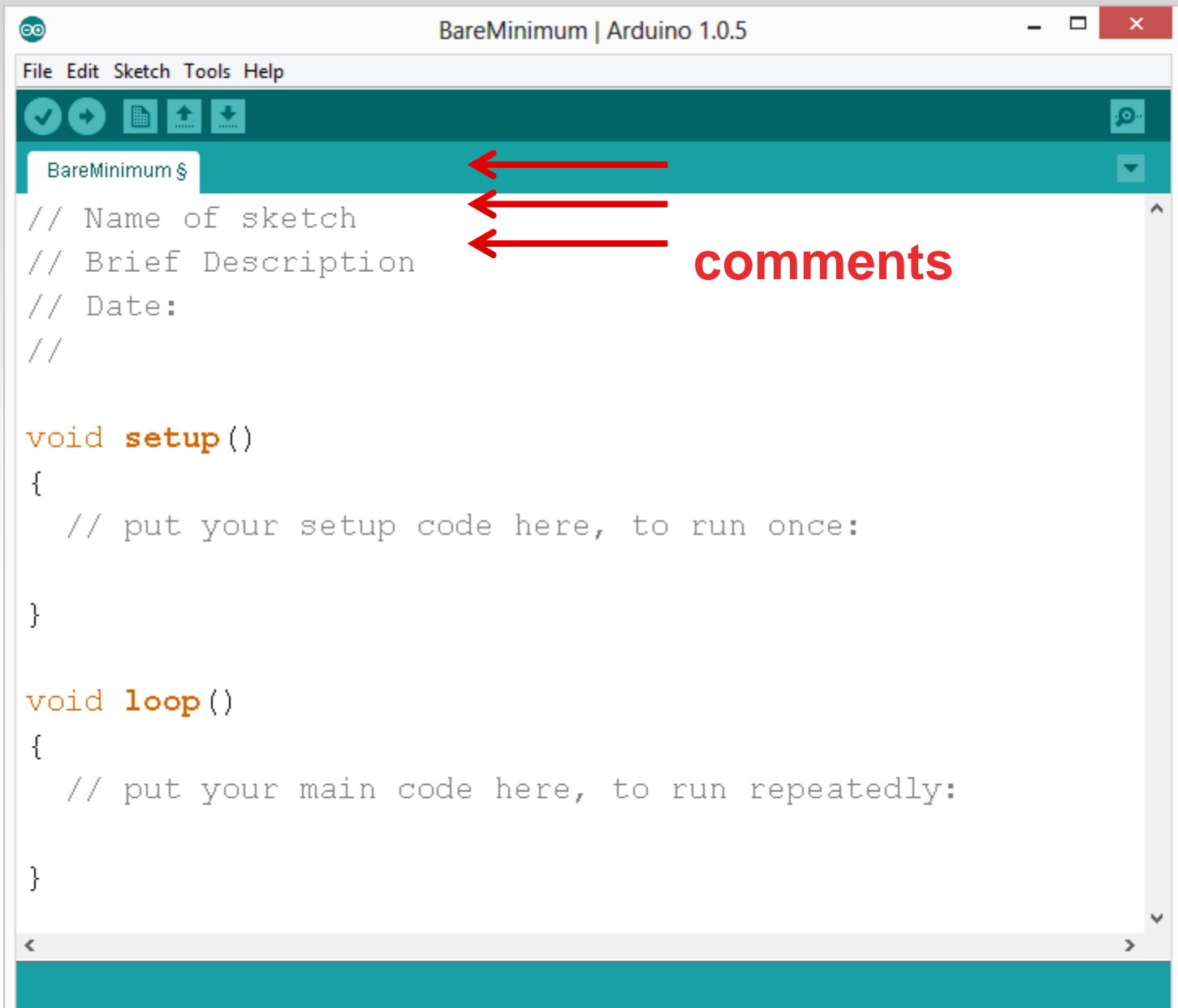


Comments, Comments, Comments

Comments are for you – the programmer and your friends...or anyone else human that might read your code.

```
// this is for single line comments
// it's good to put a description at the
  top and before anything 'tricky'
/* this is for multi-line comments
   Like this...
   And this...
*/
```





Three commands to know...

```
pinMode (pin, INPUT/OUTPUT);
```

```
ex: pinMode (13, OUTPUT);
```

```
digitalWrite (pin, HIGH/LOW);
```

```
ex: digitalWrite (13, HIGH);
```

```
delay (time_ms);
```

```
ex: delay (2500); // delay of 2.5 sec.
```

```
// NOTE: -> commands are CASE-sensitive
```

