

Lorraine McGurty

mcgurtyster@gmail.com

HOUSE

The device I'm writing about is, by this definition given in this course- *a device that accepts input, and processes it in some way to produce a result automatically*. I am writing about consists of a warmer plate, a filter basket, a water reservoir, a decanter/carafe, a shower head along with multiple indicators and function buttons. There are many more moving parts and pieces which I'm not familiar with and probably aren't that important to the task at the moment. I'm writing about a coffee maker. There are clearly many different types of coffee makers from the most basic that just make coffee as soon as the water is poured in the water reservoir and the machine is turned on to very complicated that will grind the coffee beans and have different strengths of coffee to choose from.

The data these machines accept are how course of a grind is preferred allowing for different strength of coffee flavor. This density of flavor can also be influenced by inputting how much water will be used. There are coffee makers that have milk frothers and when the option is selected will provide steam and froth milk. The day and time can be input to tell the 'computer' when to turn itself on and when to brew coffee, in addition to what strength to brew the coffee. It processes that data by taking the information selected which is transferred to sensors, extremely hot water (which is heated with the help of sensors) and gravity to produce a specific coffee at a specific time.

One of the most important parts of the coffee makers made is the automatic shut off feature. While this will prevent the smell and mess of burnt coffee, it is a safety feature that, while unrealized by many coffee drinkers, has probably saved countless lives considering many consume their coffee after waking up or in their groggiest of states.

The result of all the processing and input of information is coffee. Coffee that is customized and easy to make without a degree in coffee chemistry. Another result is happy, caffeinated people who, in the comfort of their own homes can create a pot of coffee they normally would have to venture out for and ask a barista to make. The coffee maker has created a market that serves the most humble worker to the richest mogul.