**Algorithm - To make a cup of tea.**

A computer is not intelligent enough to do things by itself - it is only capable of doing what we tell it. The idea of an algorithm is to describe *exactly* how to do something so that any dumb person (or computer!) can do it without understanding how the person who wrote it was thinking.

Consider these steps for making a cup of tea:

1.Put teabag in cup

2.Fill kettle

3.Boil kettle

4.Pour water into cup

5.Add milk

6.Stir

7.Drink

Say we wanted to tell this to a robot so that it can make tea for us. Is it precise enough? Do you think that the robot will be able to understand it? It probably isn't precise enough. For example, we haven't said where we get the cup or teabag from, or that we have to put the milk back in the fridge afterwards to prevent it going off.

1. Initial steps:
   1. Engage power supply
   2. Move towards specific kitchen cabinet