

Speaking tree.

Sometimes there are things we cannot hear. Maybe it's because we aren't paying close attention or that the sounds they make are too soft for us to be able to hear them.

What if the tree was trying to talk to us and we wanted to be able to hear what they were saying?

We could make that circuit which can make the sounds of the tree audible to us.

The roots of tree are the source of all energy that is needed by a tree. This is much like the battery that will power our circuit.

A circuit is nothing but a combination of different objects having their own function through which energy can flow continuously.

The fruits that are given out by the tree are actually small amounts of energy that is being stored by the tree. The capacitor works much like that. It stores a certain amount of energy in itself as the energy flows through the circuit. There are big capacitors and there are small capacitors. Depending on the size, they store energy accordingly.

The tree itself is a complicated system containing a lot of elements that play different roles. The branches of the tree take the energy to different parts of the tree. Its job is to distribute the energy. The integrated circuits are made up of smaller circuits all combined to do one thing. In our case, this particular IC makes the sound passed through it louder. In other words, it amplifies the sound.

We are going to give the tree a microphone to talk into which will then go through the above circuit and come out through the speaker from which we can listen to the sounds that the tree makes.

So what is the tree saying?