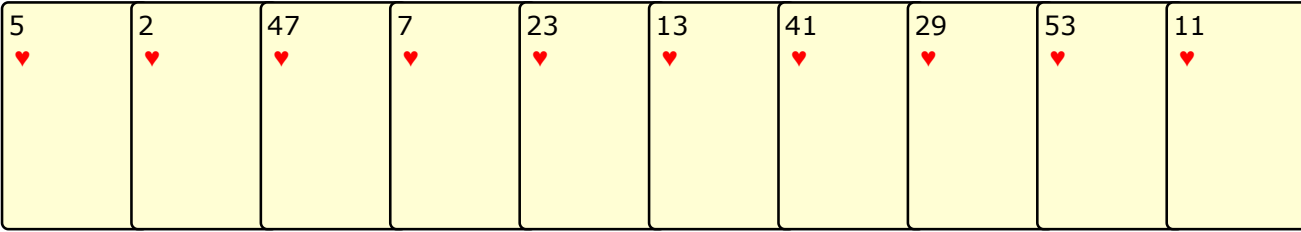


# What is an algorithm and why should you care?

Algorithms are a fundamental part of computer programs. Whether you are multiplying two numbers or processing images sent by spacecrafts billions of mile away, you need algorithms to solve the problem at hand correctly and efficiently. Without going into any details, let's watch an algorithm in action. Click **Play** to see how are we sorting a deck of cards with the help of an algorithm known as **Insertion Sort** (which we will look in detail soon).



5	2	47	7	23	13	41	29	53	11
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Play

Now, let's look at a quick video about what an algorithm is.



مشاركة



المشاهدة لاحقًا

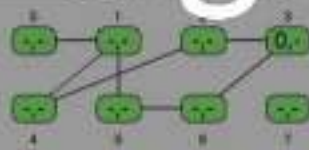
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# What is an algorithm?



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Start by making vertex 0 the source, setting its distance to 0.



Start step

