

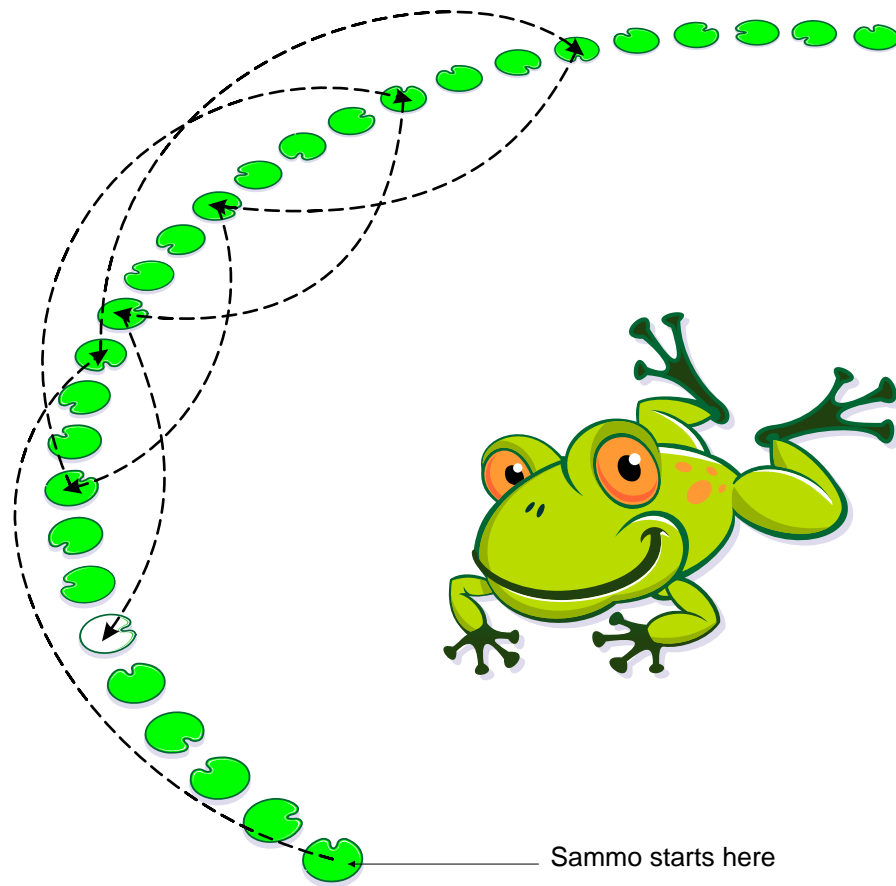
Sammo the frog has to visit his doctor who lives on the white lily pad.

Sammo would like to hop right over there.

He can hop back and forth along the line of lily pads, but he was injured in a karate contest and can only hop with one leg at a time. (That's why he wants to see his doctor.) If he hops with his right leg, he always lands exactly 11 lily pads away. If he hops with his left he always lands exactly 7 lily pads away. As you can see, his doctor's lily pad is exactly 5 lily pads away.

If he hops 11 forward and 7 backward, he just misses the doctor's lily pad.

How can Sammo hop to his doctor's lily pad?



The solution how Sammo can hop to his doctor's lily pad is shown in the illustration.