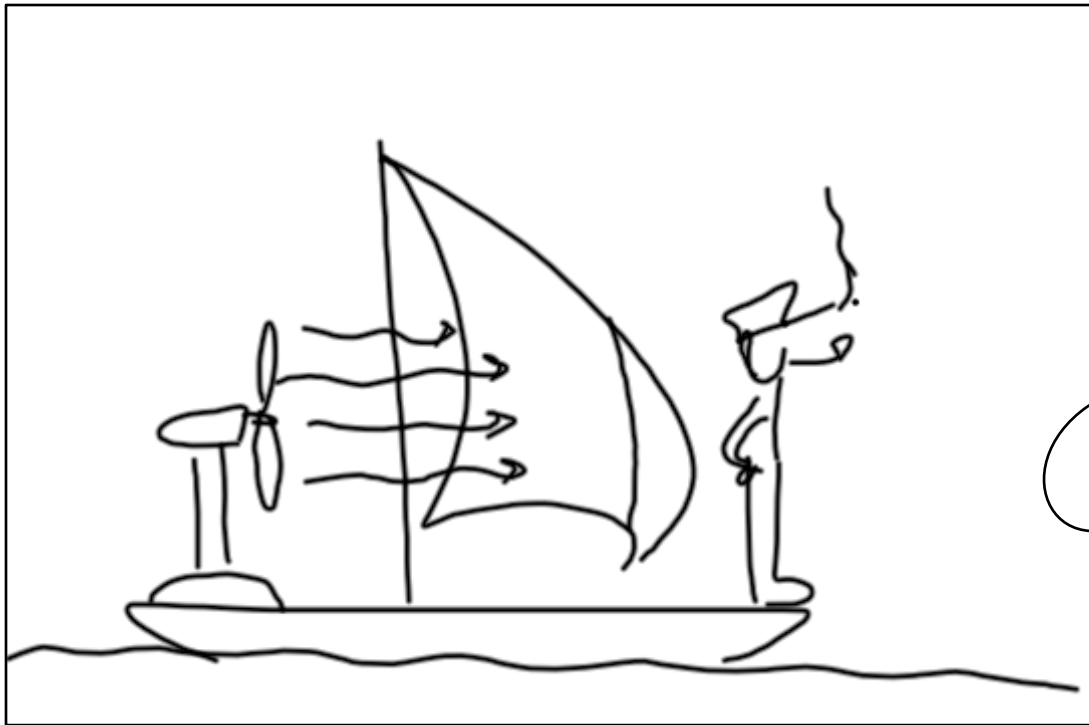


Sailboat Thought Experiment



Assume the water is frictionless

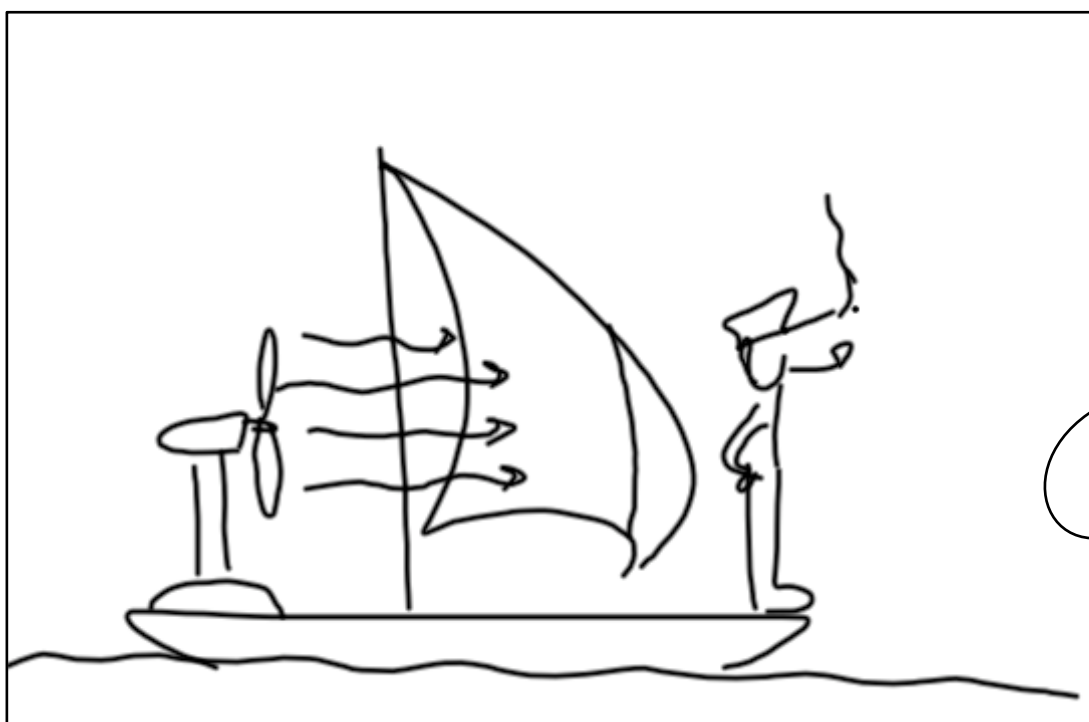
You are out sailing on the lake, when the wind suddenly dies down and you are at rest. You seem to be stuck in the middle of the lake.

But you have an idea. You have a powerful fan on board - you take it and set it up to blow into the sail.

Does this propel your boat?

Sailboat Thought Experiment (2)

Could you alter the situation so that you could propel the boat to shore?



Assume the water is frictionless