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The Turing Machine object requires a Tape object. The Tape object has several functions: __str__ where it returns the string from the least common index to the most common index, __getitem__ where it returns the piece of the Tape object given its index, else a blank symbol, and __setitem__ where it sets the character at the specified index to what was specified. The Turing Machine object requires initializing, setting up an empty tape, blank symbol, initial states, final states, and transition function. If the latter two are nonexistent, they would be set as empty. Get_tape calls the Turing Machine's tape, while the step function advances the current location within the Turing Machine's tape.