Challenge 9 –Turing Machine

1. There is a language represented as a DFA and one needs to implement it as a Turing Machine. Describe a method to translate a DFA to a Turing Machine.

   Note: use as much as possible the elements of the formal definitions of both the DFA and the resulting Turing Machine to describe the conversion method.
2. Explain a method to convert a deterministic PDA to a Turing Machine. If helpful, show how the method works using a simple deterministic PDA and the resultant Turing Machine.