**Computer Science and Engineering Department**

**Thapar Institute of Engineering and Technology**

**Course Code: UCT301**

**Theory of Computation**

**Tutorial 6**

1. Design a Pushdown Automata for the following language.
2. Design a Pushdown Automata for the following language.
3. Design a Pushdown Automata for the following language.
4. Design a Pushdown Automata for accepting balanced strings of brackets {} and [].