**Lab 5**

**Objective: To Learn Java Generics.**

**Array Based Generic Stack**

**Your task is to implement a generic Stack class in Java.**

**It should be fixed size stack i.e it should take size as constructor argument.**

**It should have the following methods**

**-Push**

**-Pop**

**-Top**

**If Push or POP is illegal i.e stack is full or empty then throw exception.**

**Create a test program to try and catch those exceptions.**