**Compiler Construction**

**Lab 8**

**Problem Statement 1:** You have to given the grammar of if statement you have to write the lexical analyzer and parser to derive the program written in given language.

**Grammar**

|  |
| --- |
| stmt-->if (bexp) stmt  |if (bexp) stmt else stmt  |id  bexp--> bexp > bexp  |bexp <bexp  | id  |intliteral |
| if (a<10)  a  else  c |