```
----------------------------Class 1-----------------------------------------------
Inversion Sequences (I_n=(n+1)!) avoiding
L=[[000][001][010][011][012][021][100][101][102][110][120][201]]
-------------------------------------------------------------------------------
--
Rules of T[L]:
R1) 0,-->0,0,--0,0,--
R2) 0,0,-->
List of different nodes in T[L]
LEN=1) 0,:
LEN=2) 0,0,:
 Number new nodes in level n is given by : 1,1,   DONE

----------------------------Class 2-----------------------------------------------
Inversion Sequences (I_n=(n+1)!) avoiding
L=[[000][001][010][011][012][021][100][101][102][110][120][210]]
-------------------------------------------------------------------------------
--
Rules of T[L]:
R1) 0,-->0,0,--0,0,--
R2) 0,0,-->
List of different nodes in T[L]
LEN=1) 0,:
LEN=2) 0,0,:
 Number new nodes in level n is given by : 1,1,   DONE

----------------------------Class 3-----------------------------------------------
Inversion Sequences (I_n=(n+1)!) avoiding
L=[[000][001][010][011][012][021][100][101][102][110][201][210]]
-------------------------------------------------------------------------------
--
Rules of T[L]:
R1) 0,-->0,0,--0,0,--
R2) 0,0,-->
List of different nodes in T[L]
LEN=1) 0,:
LEN=2) 0,0,:
 Number new nodes in level n is given by : 1,1,   DONE

----------------------------Class 4-----------------------------------------------
Inversion Sequences (I_n=(n+1)!) avoiding
L=[[000][001][010][011][012][021][100][101][102][120][201][210]]
-------------------------------------------------------------------------------
--
Rules of T[L]:
R1) 0,-->0,0,--0,0,--
R2) 0,0,-->
List of different nodes in T[L]
LEN=1) 0,:
LEN=2) 0,0,:
```

```
 Number new nodes in level n is given by : 1,1,   DONE

------------------------------Class 5-----------------------------------------------
Inversion Sequences (I_n=(n+1)!) avoiding
L=[[000][001][010][011][012][021][100][101][110][120][201][210]]
-------------------------------------------------------------------------------
--
Rules of T[L]:
R1) 0,-->0,0,--0,0,--
R2) 0,0,-->
List of different nodes in T[L]
LEN=1) 0,:
LEN=2) 0,0,:
 Number new nodes in level n is given by : 1,1,   DONE

------------------------------Class 6-----------------------------------------------
Inversion Sequences (I_n=(n+1)!) avoiding
L=[[000][001][010][011][012][021][100][102][110][120][201][210]]
-------------------------------------------------------------------------------
--
Rules of T[L]:
R1) 0,-->0,0,--0,0,--
R2) 0,0,-->
List of different nodes in T[L]
LEN=1) 0,:
LEN=2) 0,0,:
 Number new nodes in level n is given by : 1,1,   DONE

------------------------------Class 7-----------------------------------------------
Inversion Sequences (I_n=(n+1)!) avoiding
L=[[000][001][010][011][012][021][101][102][110][120][201][210]]
-------------------------------------------------------------------------------
--
Rules of T[L]:
R1) 0,-->0,0,--0,0,--
R2) 0,0,-->
List of different nodes in T[L]
LEN=1) 0,:
LEN=2) 0,0,:
 Number new nodes in level n is given by : 1,1,   DONE

------------------------------Class 8-----------------------------------------------
Inversion Sequences (I_n=(n+1)!) avoiding
L=[[000][001][010][011][012][100][101][102][110][120][201][210]]
-------------------------------------------------------------------------------
--
Rules of T[L]:
R1) 0,-->0,0,--0,0,--
R2) 0,0,-->
List of different nodes in T[L]
```

```
LEN=1) 0,:
LEN=2) 0,0,:
 Number new nodes in level n is given by : 1,1,   DONE

----------------------------Class 9-----------------------------------------------
Inversion Sequences (I_n=(n+1)!) avoiding
L=[[000][001][010][011][021][100][101][102][110][120][201][210]]
-------------------------------------------------------------------------------
--
Rules of T[L]:
R1) 0,-->0,0,--0,1,--
R2) 0,0,-->
R3) 0,1,-->0,1,--
List of different nodes in T[L]
LEN=1) 0,:
LEN=2) 0,0,: 0,1,:
 Number new nodes in level n is given by : 1,2,   DONE

----------------------------Class
10-----------------------------------------------
Inversion Sequences (I_n=(n+1)!) avoiding
L=[[000][001][010][012][021][100][101][102][110][120][201][210]]
-------------------------------------------------------------------------------
--
Rules of T[L]:
R1) 0,-->0,0,--0,1,--
R2) 0,0,-->
R3) 0,1,-->0,0,--
List of different nodes in T[L]
LEN=1) 0,:
LEN=2) 0,0,: 0,1,:
 Number new nodes in level n is given by : 1,2,   DONE

----------------------------Class
11-----------------------------------------------
Inversion Sequences (I_n=(n+1)!) avoiding
L=[[000][001][011][012][021][100][101][102][110][120][201][210]]
-------------------------------------------------------------------------------
--
Rules of T[L]:
R1) 0,-->0,0,--0,1,--
R2) 0,0,-->
R3) 0,1,-->0,0,--
List of different nodes in T[L]
LEN=1) 0,:
LEN=2) 0,0,: 0,1,:
 Number new nodes in level n is given by : 1,2,   DONE

----------------------------Class
12-----------------------------------------------
```

```
Inversion Sequences (I_n=(n+1)!) avoiding
L=[[000][010][011][012][021][100][101][102][110][120][201][210]]
------------------------------------------------------------------------------------
--
Rules of T[L]:
R1) 0,-->0,0,--0,1,--
R2) 0,0,-->0,1,--0,1,--
R3) 0,1,-->
List of different nodes in T[L]
LEN=1) 0,:
LEN=2) 0,0,: 0,1,:
 Number new nodes in level n is given by : 1,2,   DONE

-----------------------------Class
13----------------------------------------------
Inversion Sequences (I_n=(n+1)!) avoiding
L=[[001][010][011][012][021][100][101][102][110][120][201][210]]
------------------------------------------------------------------------------------
--
Rules of T[L]:
R1) 0,-->0,0,--0,1,--
R2) 0,0,-->0,0,--
R3) 0,1,-->
List of different nodes in T[L]
LEN=1) 0,:
LEN=2) 0,0,: 0,1,:
 Number new nodes in level n is given by : 1,2,   DONE

-----------------------------C
```