COMPILER DESIGN LAB

WEEK 6 (29.1.19) – EXERCISE

SET – A

1. **Convert nested if-else to nested for syntax using LEX.**

```
if (condition 1)
      { statement 1; }
      else
      if (condition 2)
            { statement 2; }
      else
      { statement 3; }
```

2. **Convert nested for to nested while syntax using LEX.**

```
for ( init; condition; increment ) {
      for ( init; condition; increment ) {
            statement(s);
        }
    statement(s);
  }
```

3. **Converting expression involving Boolean operators to arithmetic operators**

4. **Converting from macro to functions definitions using LEX**

COMPILER DESIGN LAB

WEEK 6 (29.1.19) – EXERCISE

SET - B

1. **Convert nested for to nested if using LEX.**

```
for ( init; condition; increment ) {
       for ( init; condition; increment )
       {
       statement(s);
       }
       statement(s);
}
```

2. **Convert nested if-else to nested do - while syntax using LEX.**

```
if (condition 1)
      { statement 1; }
      else
      if (condition 2)
            { statement 2; }
      else
            { statement 3; }
```

3. **Converting expression involving arithmetic operators to Boolean operators**

4. **Converting from functions to macro definitions using LEX**