CS6109 - COMPILER DESIGN – LAB

Week 6 – 02.09.2023

(Observations)

1. Convert if-else-if statement to switch statement.

```
Input:
    if(expression)
    {
      statement;
    }
    else if(expression)
    {
      statement;
    }
    else
    {
      statement;
    }
```

2. Convert do - while statement to while statement.

```
Input:
    int j = 0;
    do
    {
        j++;
    }while(j<=10);
```

3. Convert the arithmetic expression to Boolean expression.

Input	Output
a + b	a || b
c * d	c && d
a + b * e	a || b && e
(a * c) + d	(a && c) || d