**Exercise One**

String reverse = "";

        for (int i = str.length() - 1; i >= 0; i--) { **complexity = N**

            reverse += str.charAt(i); **complexity = 1**

        }

        if (reverse.equalsIgnoreCase(str2)) { **complexity = N**

            return 1; **complexity = 1**

        }

        return 0; **complexity =1**

**ANSWER:**

Big(O) = N + 1 + N + 1 +1

= 2N + 3

3 is constant can be ignore

So,

Big(O) for this algorithm is: 2N.