# QA Assignment – Krishna Barejia

## SQL:

1. **Write an SQL query to find nth largest salary along with employee name**
   * 1. Select min(Salary) from (select distinct(Salary) from employee order by Salary desc) where rownum <=n;
2. **Write a query to update salary of employees to 5000 whose age is 30+**
   * 1. Update Salary set Salary=5000 where EmpID in(select EmpID from Employee where datediff(Date\_of\_Birth,GetDate())>30);

## Test Scenarios:

Assumption:

Promo code will be apply UPTO 30%

Suppose will provide 5% on billing amount (ex. For purchase of 1000Rs -50rs will deducted after applying promo code)

* Apply promo code page should display
* Textbox should accept character + digit as input
* Textbox should accept up-to 7 inputs(character)
* For success case, Promo code should be applied successfully only for following conditions:

User entering for the first time this promo code

Purchase /transaction amount s more than 1000rs

* Only NEW30 promo code should be applied successfully
* In success case, maximum amount deducted from purchase amount should be 300rs
* For below type of promo code should be invalid
  + - * 1. 30NEW
        2. 30\_NEW
        3. New30
        4. new30
        5. NEW40
        6. NEW\_30
        7. NEW 30
* For Invalid promo code, error message should display
* Calculation of deducted amount should be correct
* If user has already applied it before then it should not get successful / should display in list

## Coding:

* Check that code should successfully run
* Check that in output prime number should display
* Check that count of prime number should be 100
* Check that first and last number should be prime by calculation
* Check that any no-prime number should not be present in output value
* Check that first digit should be 2 and last digit should be 541