Performance Tuning:

1)check for which service is taking longer time

Run for multiple runs and get the average of the time stamp

If service is taking longer time, then verify if EF is taking longer time

Modify the inner joins in EF from regular process using include and

In the DB create the non-cluster indexes wherever needed in the query

select top 3 salary from Emp a inner join

(select \* from Employee e inner join department d on e.departid=d.departid

group by e.departid order by e.salary, e.departid ) c on a.emp = c.emp

select(distinct(salary)) from emp

select e.emp , e.sal from employee e

inner join department d on e.depart =d.depart

left join employy e2 on e2.departid = e.departid

groupby e.emp,e.sal

string str = "India";

list<char> d = new list<char>{"a",}

str.contains(""

var str = new List<string> {"",""}

var vowels= "@[aeiou]";

var obj = str.select(e=> e.contains(e,vowels))

foreach(dd in obj)

dd.item