Question 1 - Formulate the following queries in SQL.

Schema

Blog [BlogSite, Owner, DateCreated]

Article [BlogSite, ArticleTitle, ArticleType, Length-in-Words, AuthorName]

a) List all blog sites that Owner *sqlUser* created between 1/1/2017 to 1/2/2017.

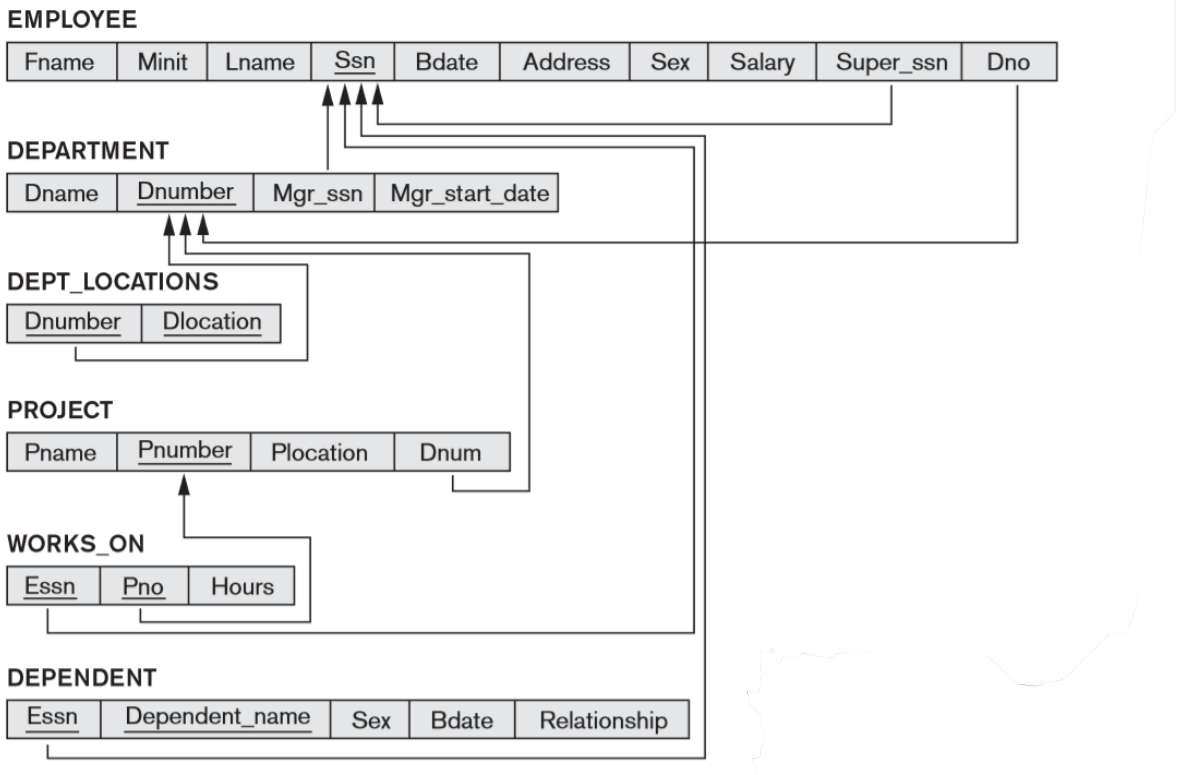
b) Find the average word length of all articles of type '*tech'* in blog site '*howtosql.com'*

c) How many Articles does the blog site '*howtosql.com'* have?

d) Which Owner(s) have at least 4 blog sites?

e) Find all blog sites with an owner starting with A.

Question 2 - Formulate the following queries in SQL using the following schema.



a) Retrieve the names of employees in department 5 who work more than 10 hours per week on the 'ProductX' project.

b) List the names of employees who have a dependent with the same first name as themselves.

c) For each project, list the project name and the total hours per week (by all employees) spent on that project.

d) For each department whose average employee salary is more than $30000, retrieve the department name and the number of employees working for that department.