

CSE 300 Bütünleme

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I. QUESTION (10 POINTS)

- Create a database named Butunleme.
- Create a table named city in Butunleme with the following fields:
 - name(string) stores the name of the city.
 - year(integer) stores the establishment year of the city.
 - mayor(string) stores the name of the mayor of the city.
 - budget(integer) stores total budget of the city.
 - numberofcitizens(integer) stores the number of citizens living in the city.
- Make (name, year) primary key for table city.

II. QUESTION (15 POINTS)

Write a Java program that asks the user to enter a year and removes all cities established at that year from the database.

III. QUESTION (15 POINTS)

Write a Java program that asks the user to enter a number and displays all cities that has more citizens than that number.

IV. QUESTION (15 POINTS)

Create an html file and a servlet such that from the html file you will take a character and the width / length of that character as pixels. You will display characters using '*'s in the screen. The names of the files will be question4.html for html, question4.servlet for the servlet. Possible characters are:

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V. QUESTION (15 POINTS)

Create an html file and a servlet that asks the user to enter a threshold t and displays all cities that have a budget larger than t . The names of the files will be question5.html for html, question5.servlet for the servlet.

VI. QUESTION (15 POINTS)

Create an interface to get data from user and use jsp to insert that data to the city table. The names of the files will be question6.html for html, question6.servlet for the jsp.

VII. QUESTION (15 POINTS)

Create an html file and a jsp file such that from the html file you will take an integer number and return the prime factors of that number using the jsp file. The names of the files will be question7.html for html, question7.jsp for the jsp.