

DNA Project Report

Team - 3

DNAGiri

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World War II

We have created an extensive database on World War II which allows the user to perform various operations and retrieve data for analysis. Following are the various operations that are interface provides:

1. INSERT

- a. **Inserting data into the 'Countries' Table:** This query puts values in Countries table and populates it with data
- b. **Inserting data into the 'Weapons' Table:** This query puts values in Weapons table and populates it with data
- c. **Inserting data into the 'Soldiers' Table:** This query puts values in Soldiers table and populates it with data

2. UPDATE

- a. **Updating 'Political Leader' of a country:** This query helps us change the name of Political Leader of any country in table "Countries"
- b. **Updating 'Date of Death' of a soldier:** This query helps us to add the date of death for a particular soldier who died in a war

3. PROJECTION

- a. **List all soldiers and their respective countries:** This is a projection statement which displays all the soldiers names and their respective nationalities

- b. **Details of Casualties in Bombing:** Through this query we get a list of all the casualties that happened in a particular bombing campaign.
- c. **Display number of refugees and military deaths for a specific country:** Through this query we display the number of refugees and the number of deaths that took place in military for a particular country
- d. **List name, nationality and occupation of Influential Personalities:** This is a direct projection query which displays name, nationality and occupation of all the mentioned influential personalities.
- e. **Display details of Battles:** Prints the details of all the battles that are mentioned in our database of World War-II
- f. **Display number of countries captured by each country:** Prints out names of countries that are captured by a particular input country
- g. **Display a table of the user's choice:** This query takes input from the user to specify the table and simply displays all the contents/data of that table.
- h. **Display average mass of all weapon types:** Through this query we display the average mass of weapons which are grouped together based on their types
- i. **Display maximum number of refugees:** This query checks for the country having the minimum number of refugees and prints the number of refugees.
- j. **Display 2 countries with lowest number of refugees:** This is a projection statement which displays the two countries having the minimum number of refugees.
- k. **Comparing the aftermath of Allied and Axis Powers after the War:** This option groups together the Allied and Axis Powers and collectively outputs the aftermath factors by joining the Aftermath and Countries table.

4. DELETE

- a. **Deleting data from 'Influential Personalities' Table:** This query deletes values from Influential Personalities table
- b. **Deleting data from 'Casualties' Table:** This query deletes values from Casualties table