Task 1:Create a database table capable of storing facts about people’s birthday. Use data domains as necessary to achieve specified data constraints.

Your database table should store the following information on people:

1. First Name
2. Last Name
3. Month of birth where month is a 3 letter abbreviation found in the set JAN, FEB, MAR, etc.
4. Day of birth
5. Year of birth
6. Friend Number

Please note the following:

* It is considered best practices to include a MANDT field as part of the key for database tables. This is the first field specified in the table definition.
* Use data domains as needed to constrain values for items 3-6 above.
* Friend number is to be part of the key. This is a 4 digit number with values 1000-9999.
* You are storing birthdays for people alive as of this year.

Once you have finished defining your table, take a screen shot in the ABAP Dictionary that shows information on all of the fields. For any programmer-defined data types and/or domains, include screen shots that show details on each of those items.

Program 1:Create a program that adds 4 people to the database table created in Task 1.

Write a program that adds 4 friends to the table above. The data on these friends should be hard coded within the program. This program is non-interactive and only shows the following results at the end of processing: “x records added to the database table.” (where x is set to the number of new records added by the program.

Provide all standard submission items for Program 1.

Program 2: Create a program which clears all data from the database table created in Task 1.

Write a program that deletes all records from the database table. This program is non-interactive and only shows the following results at the end of processing: “x records deleted from the database table.” (where x is set to the number of records that were deleted by the program.

Provide all standard submission items for Program 2.

Program 3: Create a program which allows a user to interactively add a new person to the database table created in Task 1.

The program should allow the user to enter values for all 6 fields noted above. User prompting/data selection options should be appropriate based on data constraints. After the user enters a complete set of data and clicks execute the program should respond with “User added to the database table” or another similar message based on program execution.

Provide all standard submission items for Program 3.

Program 4: Create a program which displays on the screen all of the database from the database table created in Task 1.

This program should display in table format the information from the 6 fields noted as part of the table design in Task 1. The table should be sorted based on last name. At the bottom of the display it should present the message “x records displayed” where x is the number of records presented.

Provide all standard submission items for Program 4.

**Submit to the Lab 4 Dropbox by the due date in D2L.**