**Analysis:**

* The problem provided is about the popularity ranking of baby names from years 2001 to 2010.
* Here there are 10 files which consists of 1000 rows each.
* Each row contains a ranking, a boy’s name, number for the boy’s name, a girl’s name, and number for the girl’s name.
* So data is provided in combination of the boy name and number and girls name and number.
* The task is write a program that prompts the user to enter the year, gender, and followed by a name, and displays the ranking of the name for the year.
* For this we have to take input from the user as enter the year, enter the gender and enter the name.
* Output of the program must be such as it should show the ‘The name ABC is not ranked in year 2010.’
* We have to read data from the files provided.
* We have to compare user input to file data.
* We have to convert strings to array and we have to create two 2 dimensional arrays for boy names and girl names to store names.
* If we observe closely the data given in the files, we can see that boy names comes first and girl names comes afterword’s along with ranking.
* To achieve that we have to compare inputs from user and do validations for M and F.
* The years are between 2001 to 2010.For this we have to give another condition and do validation.
* Also we have to do validation for empty data.
* After validation, depending upon the user input as M or F and year. We should compare data with the arrays and display results with the ranking.
* If name is not present, the we have to display the name abc is not ranked in year.