Q-1:
Implement the concept Stack with the help of 2D array .Implement the function of push() and pop() operations for the following string
**to  be  or  not  to  - be  -  - that  -  -  - is**
where - mean pop from the top position

Q2:
Implelment the follwoing function ArrPrintMatrix(char *(p)[7]) which prints the content of the matrix[m][7] ={"SHAHBAZ","AYAZ"} in to 3x3 Matrix
Sample Output=S H A
                H B A
                Z A Y
Q3:
Create a solution to print the number of times a pair of dice would be rolled before there would be a duplicate number. (Hint: Store the values of each roll in an array and check the values of the array each time the dice are rolled.)

Q4:
A company has 10 salespeople. The manager needs to know the average dollar amount of sales for each salesperson for a week, and the total dollar amount of sales for the store for each day and for the week. The store is open 7 days a week, and each salesperson gets 2 days off. The data are entered into a two-dimensional array with the days of the week as the columns and the salespeople as the rows. Develop a solution to output the needed information.

Q5:
A university has four undergraduate class levels and a graduate school. There are 7 majors, although not all students have chosen a major. There are 1,200 students attending the university. The administration would like to know how many students Processing Arrays  237 are in each level, and how many students have each major. They also would like to know how many of each class level have declared each major. Develop a solution to output the needed information.

Q6:
Write a function that takes a list of strings an prints them, one per line, in a rectangular frame. For example the list ["Hello", "World", "in", "a", "frame"] gets printed as:


Q7:
Write a function that given a list of non negative integers, arranges them such that they form the largest possible number. For example, given [50, 2, 1, 9], the largest formed number is 95021.

Q8:

Taj Mahal hotel lobby is so huge that 3maids has to work together morning and evening to clean, mop, and dust and wash stairs the whole lobby. The roster is revised each week in such a way that morning duties of cleaning(C) and mopping(M) are swapped with evening duties of dusting(D) and washing(W). i.e. maid marking attendance in the morning first 3 days will mark attendance in evening next 3 days. This will be swapped next week with evening first 3 days and morning last 3 days. Sunday is an off day . Write a program to print duty roster for 6 maids for the next 4 weeks by asking their duties and shift for today. Use arrays to solve this. Hard coding will be marked as 0.