**PROCESS TO SOVLE THE PROBLEMS**

**Q1** – What will be the output for the following input?

|  |  |
| --- | --- |
| **INPUT** | **OUTPUT** |
| arrayOfString | arrayOfString that replace of star |
| [  ["A", "B", "C"],  ["D", "F", "C"],  ["A", "A", "F"],  ["V", "B", "C"],  ]  2 | [  ["A", "B", "\*"],  ["D", "F", "\*"],  ["A", "A", "\*"],  ["V", "B", "\*"],  ] |

**Q2** – Ask yourself some questions:

* Do we need a loop or a loop of loop to solve this problem?

Need 2 loop

Fist loop: loop array2D of row

Second loop: loop array col of row array2D

* Do we need to create a new array or do we change the existing array?

We need to change existing array

**Q3** – Find the main steps

|  |  |
| --- | --- |
|  | Get the array 2D from input |
|  | First loo: loop get row of array2D |
|  | Second loop: loop get column of row array2D |
|  | If row equal integer |
|  | replace column that input by integer |
|  | Print array2D |

**Q4**– Write the code

get array2D

get integer

for row in array2D:

if Len(integer)>2

result=error

for col in array2D of row

array2D[row][col]="\*"

print(array2D)

**Q5** – **Share and discuss** in groups of 3.

**Q6** – Code on Hacker Rank.