Logic Building Assignment : 44

1. Write Java program which accept array of characters from user and replace each capital character with its corresponding small character.

Input :   b   N   j   B   R   b   A   d   G   G

Output : b   n   j   b   r   b   a   d   g   g

```
class MyArray
{
    public void ArrayReplace(char arr[])
    {
        // Logic
    }
}
```

2. Write Java program which accept array of characters from user and replace each capital character with its corresponding small character.

Input :   b   N   e   B   R   b   A   i   G   i

Output : 4

```
class MyArray
{
    int ArrayCountVowels(char arr[])
    {

    }
}
```

3. Write Java program which accept array of characters from user and accept one character. Return occurrence of that character without considering case.

Input :   b   N   e   B   R   b   A   i   G   i   B
          b

Output : 4

```
class MyArray
{
    int Search(char arr[])
```

```
    {

    }
}
```

4. Write Java program which accept array of characters from user and return difference between frequency of capital and frequency of small characters.

Input : b N e B R b A I O G i

Output : 3   (7 - 4)

```
class MyArray
{
    int Diffrence(char arr[])
    {

    }
}
```

5. Write Java program which accept array from user and display below pattern.

Input : 8   9   7   6   4   2   4

Output :
```
    *   *   *   *   *   *   *   *
    *   *   *   *   *   *
    *   *   *   *
    *   *
    *   *   *   *
```

```
class MyArray
{
    void Pattern (int arr[])
    {
            // Logic
    }
}
```