

Exp: Implement a program on 2D array & strings functions.

```
1. import java.util.*;

class 2d_array{

int x = 3;

int y = 3;

public static void main(String args[]){

Scanner sc = new Scanner(System.in);

System.out.println("enter the elements");

int a[][] = new int[x][y];

for(int i=1;i<=x;i++)

{

for(int j=1;j<=y;j++)

{

a[i][j] =sc.nextInt();

}

}

for(int i=1;i<=x;i++)

{

for(int j=1;j<=y;j++)

{

System.out.print(a[i][j]+" ");

}

}

System.out.println();

}

}
```

OUTPUT:

```
C:\Users\ketan\OneDrive\Desktop\java>javac Matrix.java

C:\Users\ketan\OneDrive\Desktop\java>java Matrix.java
Enter the number of rows in matrix
3
Enter the columns in the matrix
3
Enter first [0][0] integer
23
Enter first [0][1] integer
45
Enter first [0][2] integer
56
Enter first [1][0] integer
78
Enter first [1][1] integer
90
Enter first [1][2] integer
23
Enter first [2][0] integer
45
Enter first [2][1] integer
67
Enter first [2][2] integer
```

```
Enter first [2][2] integer
34
Enter second[0][0] integer
45
Enter second[0][1] integer
4
```

Enter second[1][2] integer

45

Enter second[2][0] integer

45

Enter second[2][1] integer

45

Enter second[2][2] integer

45

First Matrix:

23	45	56
78	90	23
45	67	34