



PARSHVANATH CHARITABLE TRUST'S

A.P. SHAH INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering
Data Science

Department of Computer Science and Engineering Data Science

Academic Year: 2022-2023

Semester: III

Class / Branch: SE Data Science

Subject: OOPJ Lab

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Experiment No. 6

Aim:- To write a Java program on 2D array, and also demonstrate the use of String Buffer and Vector.

Program :

```
import java.util.*;

class exp6a{

public static void main(String args[]){

int i;

Scanner sc=new Scanner(System.in);

System.out.println("Enter size of array:");

int m=sc.nextInt();

int a[]=new int[m];

System.out.println("Enter the elements:");

for(i=0;i<m;i++){

a[i]=sc.nextInt();

}

for(i=0;i<m;i++){
```



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```
System.out.println("Elements at "+(i+1)+" is:"+a[i]);
```

```
}
```

```
}
```

```
}
```

Output:-

```
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ javac exp6a.java
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ java exp6a
Enter size of array:
4
Enter the elements:
10 20 30 40
Elements at 1 is:10
Elements at 2 is:20
Elements at 3 is:30
Elements at 4 is:40
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$
```