

**NAME – RAJDEEP JAISWAL**

**DATE –17 NOV 2021**

**BRANCH – BTECH CSE**

**SEC = 608 A**

**UID -20BCS2761**

**SUB- DS LAB Worksheet**

Q Write a program to implement a stack that stores the names of students in the class.

Solution –

Code In text Form –  
#include <bits/stdc++.h>  
using namespace std;

```
bool isStack(stack<string> stack)
{
    // Create a flag variable
    bool flag = true;

    // Return flag
    return flag;
}

// Driver Code
int main()
{
    // Creating stacks
    stack<string> stack;

    // Inserting elements to stack
    stack.push("Sakshi");
    stack.push("Nahid");
    stack.push("Kamika");
    stack.push("Rahila");
    stack.push("Zareen");
    stack.push("Jahnvi");
    stack.push("Muskaan");
    if (isStack)
        cout << "Names Store Successfully";

    return 0;
}
```

## Code In Compiler -

```
main.cpp
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 bool isStack(stack<string> stack)
5 {
6     // Create a flag variable
7     bool flag = true;
8
9
10
11
12     // Return flag
13     return flag;
14 }
15
16 // Driver Code
17 int main()
18 {
19     // Creating stacks
20     stack<string> stack;
21
22
23     // Inserting elements to stack
24     stack.push("Sakshi");
25     stack.push("Nahid");
26     stack.push("Kamika");
27     stack.push("Rahila");
28     stack.push("Zareen");
29     stack.push("Jahnvi");
30     stack.push("Muskaan");
31
32
33     if (isStack)
34         cout << "Names Store Successfully";
35
36
37     return 0;
38 }
39
```

## OUTPUT -

```
Names Store Successfully
...Program finished with exit code 0
Press ENTER to exit console.
```

Learning outcomes (What I have learnt):

2.

s.

Evaluation Grid (To be erected xi per the SOP and Asceccmest guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			