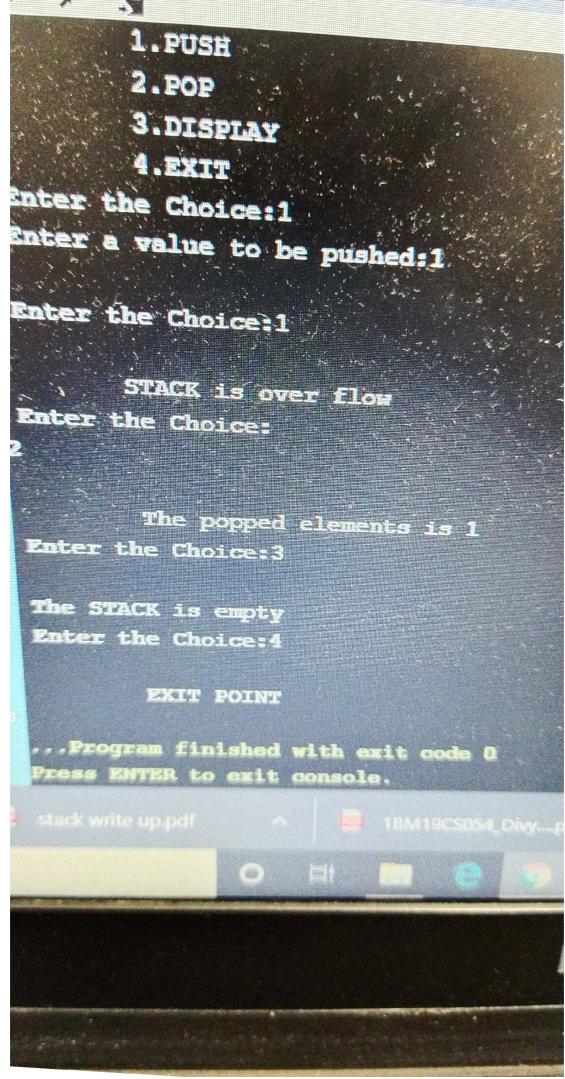```c
1 #include<stdio.h>
2 int stack[5],choice,n,top,x,i;
3 void push(void);
4 void pop(void);
```

```
Enter the size of STACK[MAX=5]:1

            STACK OPERATIONS USING ARRAY
        -------------------------------------------

            1.PUSH
            2.POP
            3.DISPLAY
            4.EXIT
Enter the Choice:1
Enter a value to be pushed:1

 Enter the Choice:1

            STACK is over flow
  Enter the Choice:
2

            The popped elements is 1
  Enter the Choice:3

  The STACK is empty
  Enter the Choice:4
```

stack write up.pdf   1BM19CS054_Divy....pdf

```
            1.PUSH
            2.POP
            3.DISPLAY
            4.EXIT
Enter the Choice:1
Enter a value to be pushed:1

Enter the Choice:1


        STACK is over flow
Enter the Choice:
2


        The popped elements is 1
Enter the Choice:3

The STACK is empty
Enter the Choice:4


        EXIT POINT

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

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