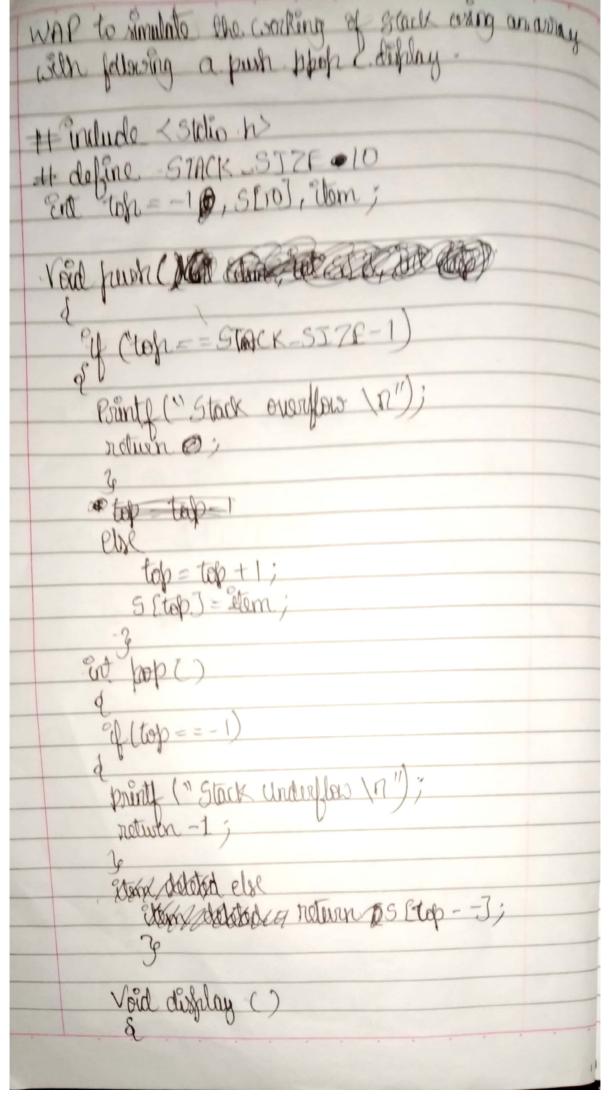
```
int i;
if (top==-1)
if (top==-1)
if (top==-1)
if (top==-1)
if (printf("STACK is empty \n");
if else
int else
int else
int ("Contents of the stack are\n");
if or (i=top;i>=8;i--)
printf("%d \n",s[i]);
if int main()
int item_deleted;
int choice;
if for(;;)
if (print("Enter choice: \n1.Push \n2.Pop \n3.Display \n4.Exit \n");
seam ("%d", %choice);
switch(choice)
if case 1:
printf("Enter the item to be pushed:\n ");
seam ("%d", %item);
push();
hreak;
case 2:
item_deleted_pop();
```

```
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79 }
80
V S
                                                 if(item_deleted==-1)
printf("STACK is empty \n");
else
printf("The item deleted is: %d \n",item_deleted);
break;
case 3:
display();
break;
                                                  break;
default: emit(0);
                nter the item to be pushed:
               inter enoi
1.Push
2.Pop
3.Display
4.Esit
                 nter the item to be pushed:
```

```
Enter choice:
1.Push
2.Pop
3.Display
4.Exit
Enter the item to be pushed:
Enter choice:
1.Push
2.Pop
3.Display
4.Exit
Enter the item to be pushed:
STACK OVERFLOW
Enter choice:
1.Push
2.Pop
3.Display
Contents of the stack are
Enter choice:
1.Push
```

Enter the item to be pushed:

```
2.Pop
3.Display
4.Exit
The item deleted is: 3
Enter choice:
1.Push
2.Pop
3.Display
4.Exit
The item deleted is: 2
Enter choice:
1.Push
2.Pop
3.Display
4.Exit
The item deleted is: 1
Enter choice:
1.Push
2.Pop
3.Display
4.Exit
STACK UNDERFLOW
STACK is empty
Enter choice:
1. Push
2.Pop
3.Display
```



return? "Contents in the stack /n")
= Otop; i>=0; i--)
= ("%d", Sci); item-delited 0; own Switch (Choice : Lxa) brenk

0 ("The claim delated is: "ad")
"tom-delated); proak ()