**QeueUsingStacks**

**Q:** Implementation of queue using 2 stacks

**Algorithm:**

* Create 2 stacks s1 and s2
* insert() method:

if the size of s1==0:

* push element in s2

else:

* pop one by one all the elements from s1 and at the same time push them in
* s2. (Make sure you push them in the same order)

push the element you want to insert in queue in s1

* pop one by one all the elements from s2 previously inserted and at the same time push them in s1
* delete() method:

if the size of s1==0:

* underflow

else:

* pop the element form s2 and return it