

```
for i in range(int(input("no of Queries: "))):
    n,a=map(int,input("query+"i": ").split())
    s=set()
    if n==1:
        s.add(a)
    elif n==2:
        if a in s:
            s.remove(a)
    elif n==3:
        if a in s:
            print("Yes")
        else:
            print("No")
```