Leaky Bucket Algorithm

Ambee Mishra
1BM19CS013

```
def fun(out, bucket_size):
    n= int(input())  // no. of packets.
    ar = [int(x) for x in input().split()]
    for i in range(n):
        if ar[i] < bucket_size:
            if ar[i] <= output:
                print("Successfull")
                print("Last {} bytes
                    sent", format(ar[i]))
            else:
                print("Successfull")
                print("{} output bytes outputted", output)
                sent = ar[i] - output
                print("last {} bytes sent")
        else:
            print("Bucket Overflow")
```

```
output = int(input("Enter output rate"))
bucket_size = int(input("Enter size"))
fun(output, bucket_size)
```