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1BM18CS079

```
op = input("input
op = int(input("output rate:")
cap = int(input("capacity"))
n = int(input("no. of packets"))

i=0
while i<n:
    if
    x = int(input("size:"))
    if (x < cap):
        if (x < op):
            print(x + ". is transfered")
        elif (n > op):
            print("op+ " is transfered")
            print("x-op + " bytes outputted")
    else:
        print("bucket overflowed")
    i+=1
```