

```
def bktInput(a, b):
```

```
    if a > bktsize:
```

```
        print("Bucket Overflow")
```

```
    else:
```

```
        while (a > b):
```

```
            print("bytes outputted")
```

```
            a -= b
```

```
    if a > 0:
```

```
        print("last bytes sent")
```

```
    print("Bucket output successful")
```

```
print("Enter output rate: ")
```

```
op = int(input())
```

```
for i in range(1):
```

```
    pktsize = random.randint(0, 100)
```

```
    print("Packet no {i} packet size = {pktsize}")
```

```
    bktInput(pktsize, op)
```