Exp-11

Question : Demostrate leaby bucket algoritm.

Ans :

```
import time .
import random .

def  b kt Input (a, b , bucket _ Size = 512)
         if (a > bucket - Size);
             Print ("Bucket Ontflow")
else :
         time .Step (2)
         · while (a>b);
              print (f' {b} bytes Out Puted)
              a -= b
              time Sleep (2)
              if (a > 0 );
                  print (f' Clast {a} byte Sent ')
         Print (Bucpt output Suess').

Output - rate = int (input ("Entu output rati:"))

         for in range (s);
             time Sleep (2)
             Prt Size = randon rate (1,1000)
             Print (f' Packput no: {i} Packt Size iYPacktSize).
             bk Input (Pkt Size output rate )
```

Scope

To be mentioned the Scope of the system that this system is an online security Regt. cuuuu