

CN LAB

BM/8C2077

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```
#include
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using namespace std;
#define bucketSize 500

void bucketInput(int a, int b)
{
    if(a > bucketSize)
        cout<<"\n\t\tBucket overflow";
    else{
        sleep(5);
        while(a > b){
            cout<<"\n\t\t"< a--<b;
            sleep(5);
        }
        if(a > 0)
            cout<<"\n\t\tLast "< cout<<"\n\t\tBucket output
            successful";
        }
    }

int main()
{
```

```
int op, pktSize;  
cout<<"Enter output rate :";  
cin>>op;  
for(int i=1; i<=5; i++)  
{  
    sleep(rand()%10);  
    pktSize=rand()%700;  
    cout<<"\nPacket no "<
```