Program

```
#include<stdio.h>
#include<stdlib.h>
void main(){
int i,j,no,n,x,x1,x2;
i=1;j=1;
printf("Enter the no of frame to send:");
scanf("%d",&no);
printf("number of frame to send is :%d\n",no);
n=no;
while(n>0){
printf("sending frame is %d\n",i);
x=rand()%no;
if(x%no==0){
for(x2=1;x2<2;x2++){
printf("waiting for %d second\n",x2);
sleep(x2);
}
printf("sending frame is %d\n",i);
x=rand()%no;
}
printf("ack for frame is %d\n",j);
n=n-1;
i++;
j++;
}
printf("Ending of stop and wait protocol\n");
}
```

Output

```
ion-declaration]
   16 |   sleep(x2);
      |   ^~~~~
cek21cs049@ltsp791:~/s6networklab$ ./a.out
Enter the no of frame to send:9
number of frame to send is :9
sending frame is 1
ack for frame is 1
sending frame is 2
ack for frame is 2
sending frame is 3
waiting for 1 second
sending frame is 3
ack for frame is 3
sending frame is 4
ack for frame is 4
sending frame is 5
ack for frame is 5
sending frame is 6
ack for frame is 6
sending frame is 7
ack for frame is 7
sending frame is 8
ack for frame is 8
sending frame is 9
ack for frame is 9
Ending of stop and wait protocol
cek21cs049@ltsp791:~/s6networklab$
```

Downloads