#include<stdio.h>

#include<stdlib.h>

#include<unistd.h>

int main ()

{

int i, j, noframes, x, x1 = 10, x2;

printf("Enter the no. of frames: ");

scanf("%d",&noframes);

i = 1;

j = 1;

printf ("\nNumber of frames is %d", noframes);

while (noframes > 0)

{

printf ("\nSending frame %d", i);

srand (x1++);

x = rand () % 10;

if (x % 2 == 0)

{

for (x2 = 1; x2 < 2; x2++)

{

printf ("\nWaiting for %d seconds", x2);

sleep (x2);

}

printf ("\nSending frame %d", i);

srand (x1++);

x = rand () % 10;

}

printf ("\nAcknowledgement for frame %d", j);

noframes -= 1;

i++;

j++;

}

printf ("\nEnd of stop and wait protocol");

return 0;

}