4a server 4a client

#include <stdio.h></stdio.h>	#include <stdio.h></stdio.h>
#include <unistd.h></unistd.h>	#include <unistd.h></unistd.h>
#include <sys types.h=""></sys>	#include <stdlib.h></stdlib.h>
#include <netinet in.h=""></netinet>	#include <netinet in.h=""></netinet>
#include <netdb.h></netdb.h>	#include <netdb.h></netdb.h>
#include <strings.h></strings.h>	#include <strings.h></strings.h>
int main(){	int main(){
int serversocket,port;	int clientsocket,port;
struct sockaddr_in serveraddr,clientaddr;	struct sockaddr_in serveraddr;
socklen_t len;	socklen_t len;
char message[50];	struct hostent *server;
serversocket=socket(AF_INET,SOCK_DGRA	char message[50];
,0);	
<pre>bzero((char*)&amp;serveraddr,sizeof(serveraddr)); serveraddr.sin_family=AF_INET;</pre>	<pre>clientsocket=socket(AF_INET,SOCK_DGRAM, 0);</pre>
<pre>printf("Enter the port number ");</pre>	<pre>bzero((char*)&amp;serveraddr,sizeof(serveraddr));</pre>
scanf("%d",&port);	len=sizeof(serveraddr);
serveraddr.sin_port=htons(port);	serveraddr.sin_family=AF_INET;
serveraddr.sin_addr.s_addr=INADDR_ANY;	<pre>printf("Enter the port number ");</pre>
bind(serversocket,(struct	scanf("%d",&port);
sockaddr*)&serveraddr,sizeof(serveraddr));	serveraddr.sin_port=htons(port);
<pre>printf("\nWaiting for the client connection\n");</pre>	fgets(message,2,stdin);
<pre>bzero((char*)&amp;clientaddr,sizeof(clientaddr)); len=sizeof(clientaddr);</pre>	<pre>printf("\nSending message for server connection\ n");</pre>
recvfrom(serversocket,message,sizeof(message),	sendto(clientsocket,"HI I AM
0,(struct sockaddr*)&clientaddr,&len);	CLIENT",sizeof("HI I AM CLIENT"),0,
<pre>printf("\nConnection received from client.\n");</pre>	(struct
<pre>printf("\nThe client has send:\t%s\n",message); printf("\nSending message to the client.\n");</pre>	sockaddr*)&serveraddr,sizeof(serveraddr)); printf("\nReceiving message from server.\n");
sendto(serversocket,"YOUR MESSAGE	
RECEIVED.",sizeof("YOUR	recvfrom(clientsocket,message,sizeof(message),0
MESSAGERECEIVED."),0,( struct	,(struct sockaddr*)&serveraddr,&len);
sockaddr*)&clientaddr,sizeof(clientaddr));	<pre>printf("\nMessage received:\t%s\n",message);</pre>
close(serversocket);}	close(clientsocket);
	}

#include <sys socket.h=""> #include <netinet in.h=""> #include <arpa inet.h=""> #include <netdb.h> #include <string.h> #include <stdlib.h> #include <unistd.h> #include <stdio.h> #include <time.h> #define S_PORT 43454 #define C_PORT 43455 #define ERROR -1 #define IP_STR "127.0.0.1"</time.h></stdio.h></unistd.h></stdlib.h></string.h></netdb.h></arpa></netinet></sys>	#include <sys socket.h=""> #include <netdb.h> #include <string.h> #include <stdlib.h> #include <netinet in.h=""> #include <arpa inet.h=""> #include <stdio.h> #include <string.h> #include <time.h> #define S_PORT 43454 #define C_PORT 43455 #define ERROR -1 #define IP_STR "127.0.0.1"</time.h></string.h></stdio.h></arpa></netinet></stdlib.h></string.h></netdb.h></sys>
<pre>int main(int argc, char const *argv[]) {   int sfd, num; time_t current_time;   struct sockaddr_in servaddr, clientaddr;   sfd = socket(AF_INET,   SOCK_DGRAM,IPPROTO_UDP);   if (sfd == ERROR) {     perror("Could not open a socket");     return 1;}   memset((char *) &amp;servaddr, 0, sizeof(servaddr));   servaddr.sin_family=AF_INET;   servaddr.sin_addr.s_addr=htonl(INADDR_ANY);   servaddr.sin_port=htons(S_PORT);   memset((char *) &amp;clientaddr, 0,     sizeof(clientaddr));   clientaddr.sin_family=AF_INET;   clientaddr.sin_addr.s_addr=inet_addr(IP_STR);   clientaddr.sin_port=htons(C_PORT);   if((bind(sfd,(struct sockaddr     *)&amp;servaddr,sizeof(servaddr)))!=0) {     perror("Could not bind socket");     return 2;}     printf("Server is running on %s:%d\n", IP_STR,     S_PORT);     while(1) {         recvfrom(sfd, #, sizeof(num), 0, (struct sockaddr *)&amp;clientaddr, (socklen_t     *)&amp;clientaddr);         current_time = time(NULL);     printf("Client at %s:%d asked for time: %s\n",         inet_ntoa(clientaddr.sin_addr),         ntohs(clientaddr.sin_port),         ctime(&amp;current_time));         sendto(sfd, &amp;current_time, sizeof(current_time),         0, (struct sockaddr *)&amp;clientaddr,     }</pre>	<pre>memset((char *) &amp;servaddr, 0, sizeof(servaddr));</pre>
<pre>sizeof(clientaddr));} return 0;}</pre>	<pre>ctime(&amp;current_time)); return 0;}</pre>

```
MAXLINE,0, (struct sockaddr *)&servaddr,
stopserver
                                                 &(socklen_t){sizeof(servaddr)}); alarm(0);
#include <stdio.h>
                                                if (n > 0) {
#include <stdlib.h>
                                                printf("Received acknowledgment: %s\n", ack);
#include <string.h>
                                                } else if (timeout_flag) {
                                                printf("Timeout occurred, resending frame.\n");
#include <unistd.h>
#include <arpa/inet.h>
                                                continue; } } close(sockfd); return 0;}
#include <signal.h>
#include <sys/time.h>
#define PORT 8080
                                                stopclient
#define MAXLINE 1024
#define TIMEOUT SEC 2
#define TERMINATE_SIGNAL "END"
                                                #include <stdio.h>
                                                #include <stdlib.h>
                                                #include <string.h>
void die(char *s) { perror(s); exit(1);}
int sockfd; struct sockaddr_in servaddr;
                                                #include <unistd.h>
char buffer[MAXLINE];
                                                #include <arpa/inet.h>
                                                #define PORT 8080
char ack[MAXLINE]; int timeout_flag = 0;
void timeout handler(int signum) {
                                                #define MAXLINE 1024
  timeout_flag = 1;}
                                                #define TERMINATE_SIGNAL "END"
int main() {
                                                void die(char *s) { perror(s); exit(1);}
if ((sockfd = socket(AF_INET,
SOCK_DGRAM, 0) < 0)
                                                int main() { int sockfd;
die("socket creation failed");
                                                struct sockaddr_in servaddr, cliaddr;
memset(&servaddr, 0, sizeof(servaddr));
                                                char buffer[MAXLINE];
servaddr.sin family = AF INET;
                                                char ack[MAXLINE]; int len, n;
servaddr.sin_port = htons(PORT);
                                                if ((sockfd = socket(AF_INET, SOCK_DGRAM,
servaddr.sin_addr.s_addr = INADDR_ANY;
                                                (0)
                                                die("socket creation failed");
struct timeval timeout;
                                                memset(&servaddr, 0, sizeof(servaddr));
timeout.tv_sec = TIMEOUT_SEC;
timeout.tv_usec = 0;
                                                memset(&cliaddr, 0, sizeof(cliaddr));
if (setsockopt(sockfd, SOL_SOCKET,
                                                servaddr.sin_family = AF_INET;
                                                servaddr.sin_addr.s_addr = INADDR_ANY;
SO_RCVTIMEO, &timeout,
sizeof(timeout)) < 0
                                                servaddr.sin_port = htons(PORT);
die("setsockopt failed");
                                                if (bind(sockfd, (const struct sockaddr
signal(SIGALRM, timeout_handler);
                                                *)&servaddr, sizeof(servaddr)) < 0)
                                                 ,die("bind failed");
while (1) {
printf("Enter frame data (type 'END' to
                                                len = sizeof(cliaddr);
                                                                        while (1) {
terminate): ");
                                                n = recvfrom(sockfd, (char *)buffer, MAXLINE,
fgets(buffer, MAXLINE, stdin);
                                                0, (struct sockaddr *)&cliaddr, &len);
                                                buffer[n] = '\0'; printf("Received: %s\n", buffer);
buffer[strcspn(buffer, "\n")] = 0;
if (strcmp(buffer,
                                                if(strcmp(buffer, TERMINATE_SIGNAL) == 0)
TERMINATE\_SIGNAL) == 0) {
                                                {printf(" Terminating data transfer.\n");
printf("Terminating data transfer.\n");
                                                break; }
                                                           sprintf(ack, "ACK");
                                                sendto(sockfd, (const char *)ack, strlen(ack),
break; } timeout_flag = 0;
alarm(TIMEOUT_SEC);
                                                 0, (const struct sockaddr *)&cliaddr,len);
sendto(sockfd, (const char *)buffer,
                                                 printf("Sent acknowledgment: %s\n", ack); }
strlen(buffer),
                                                 close(sockfd); return 0; }
0, (const struct sockaddr *)&servaddr,
sizeof(servaddr)); printf("Sent: %s\n", buffer);
```

int n = recvfrom(sockfd, (char \*)ack,

# gosender

8	<pre>bzero(buff2, sizeof(buff2)); strcpy(buff2, msg);</pre>
	buff2[strlen(msg)] = i + '0';
#include <stdio.h></stdio.h>	printf("Message sent to client :%s \n", buff2);
#include <stdlib.h></stdlib.h>	write(c_sock, buff2, sizeof(buff2));
#include <sys socket.h=""></sys>	FD_ZERO(&set1); FD_SET(c_sock, &set1);
#include <sys types.h=""></sys>	timeout1.tv_sec = 2; timeout1.tv_usec = 0;
#include <sys time.h=""></sys>	rv1 = select(c_sock + 1, &set1, NULL, NULL,
#include <netinet in.h=""></netinet>	&timeout1);
#include <string.h></string.h>	if (rv1 == -1) perror("select error ");
#include <unistd.h></unistd.h>	else if $(rv1 == 0)$ {
#include <arpa inet.h=""></arpa>	<pre>printf("Going back from %d:timeout \n", i);</pre>
#include <fcntl.h></fcntl.h>	i = i - 3; goto qq;}
int main()	else {
{int s_sock, c_sock;	read(c_sock, buff, sizeof(buff));
s_sock = socket(AF_INET,	<pre>printf("Message from Client: %s\n", buff);</pre>
SOCK_STREAM, 0);	$i++; if (i \le 9) goto qqq;}$
struct sockaddr_in server, other;	qq2:
memset(&server, 0, sizeof(server));	FD_ZERO(&set2); FD_SET(c_sock, &set2);
memset(&other, 0, sizeof(other));	timeout2.tv_sec = 3; timeout2.tv_usec = 0;
server.sin_family = AF_INET;	rv2 = select(c_sock + 1, &set2, NULL, NULL,
server.sin_port = htons(9009);	&timeout2);
server.sin_addr.s_addr = INADDR_ANY;	if $(rv2 == -1)$
socklen_t add;	perror("select error ");
if (bind(s_sock, (struct sockaddr *)&server,	else if $(rv2 == 0)$
sizeof(server)) == -1) {	{ printf("Going back from %d:timeout on last
<pre>printf("Binding failed\n"); return 0;}</pre>	2\n", i - 1);
printf("\tServer Up\n Go back n (n=3) used to	i = i - 2;
send 10 messages \n\n");	<pre>bzero(buff2, sizeof(buff2));</pre>
<pre>listen(s_sock, 10); add = sizeof(other);</pre>	strcpy(buff2, msg);
<pre>c_sock = accept(s_sock, (struct sockaddr</pre>	buff2[strlen(buff2)] = i + '0';
*)&other, &add);	<pre>write(c_sock, buff2, sizeof(buff2));</pre>
time_t t1, t2; char msg[50] = "servermessage :";	
char buff[50]; int flag = $0$ ;	<pre>bzero(buff2, sizeof(buff2));</pre>
fd_set set1, set2, set3;	i++;
struct timeval timeout1, timeout2, timeout3;	strcpy(buff2, msg);
int rv1, rv2, rv3; int $i = -1$ ;	buff2[strlen(buff2)] = i + '0';
qq:	<pre>write(c_sock, buff2, sizeof(buff2));</pre>
i = i + 1;	goto qq2;
<pre>bzero(buff, sizeof(buff)); char buff2[60];</pre>	}
<pre>bzero(buff2, sizeof(buff2));</pre>	else
strcpy(buff2, "server message :");	{read(c_sock, buff, sizeof(buff));
buff2[strlen(buff2)] = i + '0';	<pre>printf("Message from Client: %s\n", buff);</pre>
buff2[strlen(buff2)] = '\0';	<pre>bzero(buff, sizeof(buff));</pre>
<pre>printf("Message sent to client :%s \n", buff2);</pre>	read(c_sock, buff, sizeof(buff));
<pre>write(c_sock, buff2, sizeof(buff2)); usleep(1000);</pre>	<pre>printf("Message from Client: %s\n", buff); }</pre>
i = i + 1; bzero(buff2, sizeof(buff2));	close(c_sock); close(s_sock); return 0;
strcpy(buff2, msg); buff2[strlen(msg)] = i + '0';	}
printf("Message sent to client :%s \n", buff2);	
write(c_sock, buff2, sizeof(buff2)); i = i + 1;	
usleep(1000);	
qqq:	

gorecvr selectsender

```
#include <stdio.h>
#include <stdlib.h>
#include <sys/socket.h>
                                                  #include <stdio.h>
#include <sys/types.h>
                                                  #include <stdlib.h>
#include <netinet/in.h>
                                                  #include <sys/socket.h>
#include <sys/time.h>
                                                  #include <sys/types.h>
                                                  #include <sys/time.h>
#include <sys/wait.h>
#include <string.h>
                                                  #include <netinet/in.h>
#include <unistd.h>
                                                  #include <string.h>
#include <arpa/inet.h>
                                                  #include <unistd.h>
                                                  #include <arpa/inet.h>
int main()
{int c_sock;
                                                  #include <fcntl.h>
c sock = socket(AF_INET,
SOCK_STREAM, 0);
                                                  void rsendd(int ch, int c_sock)
struct sockaddr_in client;
                                                  {char buff2[60];
                                                  bzero(buff2, sizeof(buff2));
 memset(&client, 0, sizeof(client));
client.sin family = AF INET;
                                                  strcpy(buff2, "reserver message:");
  client.sin_port = htons(9009);
                                                  buff2[strlen(buff2)] = (ch) + '0';
client.sin_addr.s_addr = inet_addr("127.0.0.1");
                                                  buff2[strlen(buff2)] = '\0';
if (connect(c_sock, (struct sockaddr *)&client,
                                                  printf("Resending Message to client:%s \n",
sizeof(client)) == -1)
                                                  buff2);
  printf("Connection failed"); return 0; }
                                                  write(c sock, buff2, sizeof(buff2));
  printf("\n\tClient -with individual
                                                  usleep(1000);}
acknowledgement scheme\n\n");
                                                  int main()
  char msg1[50] = "akwnowledgementof-";
                                                  {int s sock, c sock;
  char msg2[50]; char buff[100];
                                                  s_sock = socket(AF_INET, SOCK_STREAM, 0);
  int flag = 1, flg = 1;
                                                  struct sockaddr_in server, other;
  for (int i = 0; i \le 9; i++) {flg = 1;
                                                  memset(&server, 0, sizeof(server));
                                                  memset(&other, 0, sizeof(other));
bzero(buff, sizeof(buff)); bzero(msg2,
sizeof(msg2));
                                                  server.sin_family = AF_INET;
if (i == 8 \&\& flag == 1) {
                                                  server.sin_port = htons(9009);
  printf("here\n"); i--;
                                                  server.sin_addr.s_addr = INADDR_ANY;
flag = 0; read(c_sock, buff, sizeof(buff));}
                                                  socklen t add;
     int n = read(c_sock, buff, sizeof(buff));
                                                  if (bind(s_sock, (struct sockaddr *)&server,
     if (buff[strlen(buff) - 1] != i + '0')
                                                  sizeof(server)) == -1)
     { flg=0; i--; } else {
printf("Message received from server : %s \n",
                                                  printf("Binding failed\n");
buff);
                                                  return 0;}
printf("Aknowledgement sent for message \n");
                                                  printf("\tServer Up\n Selective repeat scheme\n\
   strcpy(msg2, msg1);
                                                  n");
msg2[strlen(msg2)] = i + '0';
                                                  listen(s_sock, 10);
write(c_sock, msg2, sizeof(msg2)); }}
                                                  add = sizeof(other);
close(c_sock) return 0;}
                                                  c_sock = accept(s_sock, (struct sockaddr
                                                  *)&other, &add);
                                                  time_t t1, t2;
                                                  char msg[50] = "server message :";
                                                  char buff[50];
                                                  int flag = 0;
                                                  fd set set1, set2, set3;
                                                  struct timeval timeout1, timeout2, timeout3;
```

```
int rv1, rv2, rv3;
                                                  selectrecvr
int tot = 0; int ok[20];
memset(ok, 0, sizeof(ok));
while (tot < 9){ int toti = tot;
                                                  #include<time.h>
for (int j = (0 + toti); j < (3 + toti); j++)
                                                  #include<stdio.h>
{bzero(buff, sizeof(buff));
                                                  #include<stdlib.h>
char buff2[60];
                                                  #include<sys/socket.h>
bzero(buff2, sizeof(buff2));
                                                  #include<svs/types.h>
strcpy(buff2, "server message :");
                                                  #include<netinet/in.h>
buff2[strlen(buff2)] = (j) + '0';
                                                  #include<sys/time.h>
buff2[strlen(buff2)] = '\0';
                                                  #include<sys/wait.h>
printf("Message sent to client :%s \n", buff2);
                                                  #include<string.h>
write(c_sock, buff2, sizeof(buff2));
                                                  #include<unistd.h>
usleep(1000);}
                                                  #include<arpa/inet.h>
for (int k = 0 + toti; k < (toti + 3); k++){
                                                  int isfaulty(){ int d=rand()%4;return (d>2);}
qq:
FD_ZERO(&set1);
                                                  int main() {
                                                  srand(time(0)); int c_sock;
FD_SET(c_sock, &set1);
timeout1.tv sec = 2; timeout1.tv usec = 0;
                                                  c sock = socket(AF INET,
rv1 = select(c_sock + 1, &set1, NULL, NULL,
                                                  SOCK_STREAM, 0); struct sockaddr_in client;
&timeout1);
                                                  memset(&client, 0, sizeof(client));
if (rv1 == -1)
                                                  client.sin_family = AF_INET;
perror("select error ");
                                                  client.sin_port = htons(9009);
                                                  client.sin_addr.s_addr = inet_addr("127.0.0.1");
else if (rv1 == 0){
                                                  if(connect(c_sock, (struct sockaddr*)&client,
printf("Timeout for message :%d n, k);
rsendd(k, c_sock); goto qq;}
                                                  sizeof(client)) == -1) {
                                                  printf("Connection failed"); return 0;}
else{ read(c sock, buff, sizeof(buff));
printf("Message from Client: %s\n", buff);
                                                  printf("\n\tClient -with individual
if (buff[0] == 'n'){}
                                                  acknowledgement scheme\n\n");
printf(" corrupt message awk (msg %d) \n",
                                                  char msg1[50]="akwnowledgementof-";
buff[strlen(buff) - 1] - '0');
                                                  char msg3[50]="negative akwn-";
rsendd((buff[strlen(buff) - 1] - '0'), c_sock);
                                                  char msg2[50]; char buff[100];
goto qq;} else
                                                  int count=-1,flag=1;
tot++;}}
                                                  while(count<8){
close(c_sock); close(s_sock);
                                                  bzero(buff,sizeof(buff));
return 0;}
                                                  bzero(msg2,sizeof(msg2));
                                                  if(count==7\&\&flag==1){
                                                  printf("here\n"); flag=0;
                                                  read(c sock,buff,sizeof(buff)); continue; }
                                                  int n = read(c_sock, buff, sizeof(buff));
                                                  char i=buff[strlen(buff)-1];
                                                  printf("Message received from server : %s \
                                                  n",buff);
                                                  int isfault=isfaulty();
                                                  printf("correption status : %d \n",isfault);
                                                  printf("Response/akwn sent for message \n");
                                                  if(isfault)
                                                  strcpy(msg2,msg3);
                                                  else{strcpy(msg2,msg1);
                                                  count++;} msg2[strlen(msg2)]=i;
                                                  write(c sock,msg2, sizeof(msg2)); }
                                                  close(c_sock); return 0;}
```

#### server.c

Enter the port number 8088
Waiting for the client connection
Connection received from client.
The client has send:HI I AM CLIENT...
Sending message to the client.

#### Client.c

Enter the port number 8088 Sending message for server connection Receiving message from server. Message received:YOUR MESSAGE RECEIVED.

4b

#### server.c

Server is running on 127.0.0.1:43454 Client at 127.0.0.1:43455 asked for time: Wed Apr 17 15:09:43 2024

#### client.c

Client is running on 127.0.0.1:43455 Server's Time: Wed Apr 17 15:09:43 2024

stop&wait

### server.c

Enter frame data (type 'END' to terminate): 12

Sent: 12

Received acknowledgment: ACK

Enter frame data (type 'END' to terminate):

**END** 

Terminating data transfer.

#### Client.c

Received: 12

Sent acknowledgment: ACK

gobackn

## sender.c

Server Up

Go back n (n=3) used to send 10 messages

Message sent to client :server message :0

Message sent to client :server message :1

Message sent to client :server message :2

Message from Client: akwnowledgementof-0

Message sent to client :server message :3

Message from Client: akwnowledgementof-1

Message sent to client :server message :4

Message from Client: akwnowledgementof-2

Message sent to client :server message :5

Message from Client: akwnowledgementof-3

Message sent to client :server message :6

Going back from 6:timeout

Message sent to client :server message :4

Message sent to client :server message :5

Message sent to client :server message :6

Message from Client: akwnowledgementof-4

Message sent to client :server message :7

Message from Client: akwnowledgementof-5

Message sent to client :server message :8

Message from Client: akwnowledgementof-6

Message sent to client :server message :9

Message from Client: akwnowledgementof-7

Going back from 9:timeout on last 2

Message from Client: akwnowledgementof-8 Message from Client: akwnowledgementof-9

#### receiver.c

Client -with individual acknowledgement scheme

Message received from server: server message:0

Aknowledgement sent for message

Message received from server: server message:1

Aknowledgement sent for message

Message received from server: server message:2

Aknowledgement sent for message

Message received from server :server message :3

Aknowledgement sent for message

Discarded as out of order

Discarded as out of order

Discarded as out of order

Message received from server:server message:4

Aknowledgement sent for message

Message received from server:server message:5

Aknowledgement sent for message

Message received from server:server message :6

Aknowledgement sent for message

Message received from server:server message :7

Aknowledgement sent for message

here

Discarded as out of order

Message received from server:server message :8

Aknowledgement sent for message

Message received from server:server message:9

Aknowledgement sent for message

#### receiver.c

Client -with individual acknowledgement scheme

# selectiverepeat

sender.c

Server Up

Selective repeat scheme

Message sent to client :server message :0 Message sent to client :server message :1

Message sent to client :server message :2 Message from Client: akwnowledgementof-0

Message from Client: akwnowledgementof-1

Message from Client: akwnowledgementof-2

Message sent to client :server message :3 Message sent to client :server message :4 Message sent to client :server message :5

Message from Client: akwnowledgementof-3

Message from Client: negative akwn-4

corrupt message awk (msg 4)

Resending Message to client :reserver

message:4

Message from Client: negative akwn-5

corrupt message awk (msg 5)

Resending Message to client :reserver

message:5

Message from Client: akwnowledgementof-4

Message from Client: akwnowledgementof-5 Message sent to client :server message :6

Message sent to client :server message :7

Message sent to client :server message :8 Message from Client: akwnowledgementof-6

Message from Client: akwnowledgementof-7

Timeout for message:8

Resending Message to client :reserver message :8 here

Message from Client: akwnowledgementof-8

Message received from server: server message:0

correption status: 0

Response/akwn sent for message

Message received from server: server message:1

correption status: 0

Response/akwn sent for message

Message received from server: server message:2

correption status: 0

Response/akwn sent for message

Message received from server: server message:3

correption status: 0

Response/akwn sent for message

Message received from server: server message:4

correption status: 1

Response/akwn sent for message

Message received from server: server message:5

correption status: 1

Response/akwn sent for message

Message received from server: reserver

message:4

correption status: 0

Response/akwn sent for message

Message received from server: reserver

message:5

correption status: 0

Response/akwn sent for message

Message received from server: server message:6

correption status: 0

Response/akwn sent for message

Message received from server: server message:7

correption status: 0

Response/akwn sent for message

Message received from server: reserver

message:8

correption status: 0

Response/akwn sent for message