Name:komal r jawale

Server:

#include<stdio.h>

#include<sys/socket.h>

#include<sys/types.h>

#include<netdb.h>

#include<stdlib.h>

int main()

{

int a,b,sum;

int sd=socket(PF\_INET,SOCK\_STREAM,0);

struct sockaddr\_in client,server;

server.sin\_family=AF\_INET;

server.sin\_port=5050;

server.sin\_addr.s\_addr=inet\_addr("127.0.0.1");

bind(sd,(struct sockaddr\*)&server,sizeof(server));

listen(sd,2);

int len=sizeof(client);

int csd=accept(sd,(struct sockaddr\*)&client,&len);

recv(csd,&sum,10,0);

recv(csd,&a,20,0);

recv(csd,&b,20,0);

sum=a + b;

send(csd,sum,20,0);

close(csd);

}

Client:

#include<stdio.h>

#include<sys/socket.h>

#include<sys/types.h>

#include<netdb.h>

#include<stdlib.h>

int main()

{

int a,b,sum;

int sd=socket(PF\_INET,SOCK\_STREAM,0);

struct sockaddr\_in client;

client.sin\_family=AF\_INET;

client.sin\_port=5050;

client.sin\_addr.s\_addr=inet\_addr("127.0.0.1");

connect(sd,(struct sockaddr\*)&client,sizeof(client));

printf("enter 1st number: ");

scanf("%d",&a);

printf("enter 2nd number: ");

scanf("%d",&b);

send(sd,a,20,0);

send(sd,b,20,0);

recv(sd,&sum,20,0);

printf("result is: %d",sum);

close(sd);

}

Output:

nplab016@admin123-HP-ProDesk-600-G1-SFF:~$ ./r1

enter 1st number: 20

enter 2nd number: 30