**sudo apt-get install rpcbind**

**This is the IDL file**

struct numbers{

int a;

int b;

};

program ADD\_PROG{

version ADD\_VERS{

int add(numbers)=1;

}=1;

}=0x4562877;

**rpcgen -a -C add.x**

**Edit add\_server.c**

#include "add.h“

int \*

add\_1\_svc(numbers \*argp, struct svc\_req \*rqstp)

{

static int result;

printf("add(%d,%d) is called\n", argp->a,argp->b);

result = argp->a + argp->b;

return &result;

}

**Edit add\_client.c**

#include "add.h“

Void add\_prog\_1(char \*host,int x,int y)

{

CLIENT \*clnt;

int \*result\_1;

numbers add\_1\_arg;

#ifndef DEBUG

clnt = clnt\_create (host, ADD\_PROG, ADD\_VERS, "udp");

if (clnt == NULL) {

clnt\_pcreateerror (host);

exit (1);

}

add\_1\_arg.a=x;

add\_1\_arg.b=y;

result\_1 = add\_1(&add\_1\_arg, clnt);

if (result\_1 == (int \*) NULL) {

clnt\_perror (clnt, "call failed");

} else{

printf("Result:%d\n", \*result\_1 );

}

#ifndef DEBUG

clnt\_destroy (clnt);

Int main (int argc, char \*argv[])

{

char \*host;

if (argc < 4) {

printf ("usage: %s server\_host\n", argv[0]);

exit (1); }

host = argv[1];

add\_prog\_1 (host,atoi(argv[2]),atoi(argv[3]));

exit (0);

}

**server :**

**rpcgen -a -C add.x**

**make -f Makefile.add**

**sudo ./add\_server**

**Client**

**sudo ./add\_client localhost 5 8**