

```
#include<sys/types.h>
#include<sys/socket.h>
#include<netinet/in.h>
#include<arpa/inet.h>
#include<fcntl.h>
#include<string.h>
#include<stdlib.h>
#include<unistd.h>

int main( int argc, char *argv[])
{
    struct sockaddr_in server, cli;
    int cli_len;
    int sd, n, i, len;
    int data, temp;
    char buffer[100];
    if((sd = socket(AF_INET, SOCK_STREAM, 0)) < 0)
    {
        perror("Socket failed:");
        exit(1);
    }

    // server socket address structure initialisation
    bzero(&server, sizeof(server) );
    server.sin_family = AF_INET;
    server.sin_port = htons(atoi(argv[1]));
    server.sin_addr.s_addr = htonl(INADDR_ANY);
    if(bind(sd, (struct sockaddr*)&server, sizeof(server)) < 0)
    {
        perror("bind failed:");
        exit(1);
    }
    listen(sd,5);
    if((data = accept(sd , (struct sockaddr *) &cli, &cli_len)) < 0)
    {
        perror("accept failed:");
        exit(1);
    }
    read(data,buffer, sizeof(buffer));
    len = strlen(buffer);
```