

```

1  #include <sys/socket.h>
2  #include <sys/types.h>
3  #include <netinet/in.h>
4  #include <netdb.h>
5  #include <stdio.h>
6  #include <string.h>
7  #include <stdlib.h>
8  #include <unistd.h>
9  #include <errno.h>
10 #include <arpa/inet.h>
11
12 int main(int argc, char *argv[])
13 {
14     int sockfd = 0, n = 0;
15     char recvBuff[1024];
16     struct sockaddr_in serv_addr;
17
18     if(argc != 2)
19     {
20         printf("\n Usage: %s <ip of server> \n",argv[0]);
21         return 1;
22     }
23
24     memset(recvBuff, '0',sizeof(recvBuff));
25     if((sockfd = socket(AF_INET, SOCK_STREAM, 0)) < 0)
26     {
27         printf("\n Error : Could not create socket \n");
28         return 1;
29     }
30
31     memset(&serv_addr, '0', sizeof(serv_addr));
32
33     serv_addr.sin_family = AF_INET;
34     serv_addr.sin_port = htons(5000);
35
36     if(inet_pton(AF_INET, argv[1], &serv_addr.sin_addr)<=0)
37     {
38         printf("\n inet_pton error occured\n");
39         return 1;
40     }
41
42     if( connect(sockfd, (struct sockaddr *)&serv_addr, sizeof(serv_addr)  ) < 0)
43     {
44         printf("\n Error : Connect Failed \n");
45         return 1;
46     }
47
48     while ( (n = read(sockfd, recvBuff, sizeof(recvBuff)-1)) > 0)
49     {
50         recvBuff[n] = 0;
51         if(fputs(recvBuff, stdout) == EOF)
52         {

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53         printf("\n Error : Fputs error\n");
54     }
55 }
56
57 if(n < 0)
58 {
59     printf("\n Read error \n");
60 }
61
62 return 0;
63 }
64
```