

```
49     newsockfd = accept(sockfd,  
50                       (struct sockaddr *) &cli_addr,  
51                       &clilen);  
52     if (newsockfd < 0)  
53         error("ERROR on accept");  
54  
55     //Above is the required TCP skeleton , now the code  
56     Hamming Code starts  
57  
58     int data[10];  
59     printf("Please input 4 bits of data\n");  
60     scanf("%d" , &data[0]);  
61     scanf("%d" , &data[1]);  
62     scanf("%d" , &data[2]);  
63     scanf("%d" , &data[4]);  
64  
65     //Calculation of even parity for encoding  
66     data[6] = data[0] ^ data[1] ^ data[2] ^ data[4];  
67  
68  
69  
70  
71     close(newsockfd);  
72     close(sockfd);  
73     return 0;  
74 }  
75
```