http protocols are widely used protocol it stands for hyper text transfer protocol. It is an application layer protocol that allows communication between web based applications and exchange data. It is a Tcp/Ip based protocol , it is used to deliver contents. Here user computer is the client which makes a request to the server and the server respond to the client when it gets the result. After the http transaction the connection will be terminated.http can deliver any sort of data as long as two computers are able to read it. http is also a stateless protocol.http is designed mainly for fetching html contents and sent it to the client.2 types of http message , that is request http message and response http message.mainly 2 parts header and body when senting request there is no body part there is only header which includes searching deatails. In response message there will be contents in body part. In http each server has an ip address for identifying the server uniquely. It has 4 parts and there is also different ports for different services.Request Response is a type of message which is passed through the networks. For example when we make request it contains start line, request line Response line, status line, headers, blank line and body. Start line used to indicates if the connection is established or not. The protocol uses many methods like post,get,put,delete etc.