

## THE DIFFERENCE BETWEEN COOKIES AND SESSIONS

### COOKIES VARIABLES

Cookie is a small piece of data stored on the user's computer by the web browser while browsing a website. Cookies were designed to be a reliable mechanism for websites to remember stateful information or to record the user's browsing activity.

Data stored in a cookie is created by the server upon your connection. This data is labeled with an ID unique to you and your computer. When the cookie is exchanged between your computer and the network server, the server reads the ID and knows what information to specifically serve to you.

### SESSION VARIABLES

A Session is a temporary and interactive information interchange between two or more communicating devices, or between a computer and user. A session is established at a certain point in time, and then 'torn down' - brought to an end - at some later point.

A Session is the total time devoted to an activity. In computer systems, a user session begins when a user logs in to or accesses a particular computer, network, or software service. It ends when the user logs out of the service, or shuts down the computer. A session can temporarily store information related to the activities of the user while connected.

### DIFFERENCES

SESSION	COOKIE
Sessions get stored on the client as well as a server.	Cookies are only stored on the client-side machine
Session can store any type of data because the value is of data type of "object"	Cookies can store only "string" datatype.
Sessions are secured because it is stored in binary format/encrypted form and gets decrypted at server.	Cookie is non-secure since stored in text-format at client side.
We cannot disable the sessions. Sessions can be used without cookies also.	Cookies can be disabled.

