# A10. Create and Display Cookies – Ethics

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Repository Link – <https://github.com/sb2823/A10>

Index Page Link – <https://sb2823.github.io/A10/index.html>

**Part 1**

a) In a word document write a short Narrative (one or two paragraphs) on how cookies can be used to record information about you as you use a web site.

Cookies are digital memory capsules that websites employ to store information about their visitors as they explore web pages. These little data pieces contain a wide range of information, from user preferences and login credentials to browsing history and products put to the shopping cart. As users interact with various elements of a website, these cookies secretly collect data and send it back to the website's server, allowing for a more personalized browsing experience and targeted adverts based on individual preferences.

Moreover, cookies are essential for website functionality, allowing the delivery of dynamic content and personalized experiences. For example, cookies allow websites to remember users' language preferences, allowing them to easily access material in their preferred language without having to pick it again. Furthermore, cookies play an important role in e-commerce by saving products in users' carts across browsing sessions, thereby speeding the shopping process and providing a smooth and uninterrupted shopping experience. In essence, cookies are the foundation of modern online browsing, improving user experience while also generating concerns about privacy and data management.

b) Discuss the positive and negative aspects of this.

**Positive Aspects:**

Better Experience: Cookies make websites remember what you like and how you browse, making your visits more personal and convenient. This helps you find what you need faster and enjoy your time online.

Easy Functioning: Cookies help websites work smoothly by remembering things like your language choice and items you put in your shopping cart. They make it simpler to use websites without having to start over each time.

Tailored Ads: Cookies show you ads for things you're interested in based on what you've looked at before. This means you see more relevant ads that might catch your attention and be useful to you.

**Negative Aspects:**

Privacy Worries: Cookies track what you do online, which can feel like someone's watching your every move. This makes some people uncomfortable and worried about how much information websites are collecting about them without their permission.

Security Risks: Cookies can sometimes be used by bad guys to steal your login details or other personal information. This puts your online accounts and data at risk of being hacked or misused.

Feeling Tracked: Even though targeted ads can be helpful, some people don't like the idea of websites keeping tabs on everything they do online. It feels like your privacy is being invaded, and your online habits are being used to influence you without your consent.

c) You must answer the question: Is the use of cookies ethical?

The ethicality of using cookies hinges on the principles of transparency, consent, and respect for user privacy. When implemented responsibly, cookies can enhance user experiences by providing personalized content and improving website functionality. However, ethical concerns arise when cookies are deployed without user awareness or consent, potentially infringing upon individuals' rights to privacy and autonomy. Therefore, the ethical use of cookies requires clear communication with users about their purpose and the data collected, as well as providing users with the option to opt-out or manage their cookie preferences. Ultimately, ethical cookie usage prioritizes user trust and privacy while striving to deliver valuable online experiences.