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A Method for Processing Online Order based on the Choice of User

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Abstract: Consumers can buy goods or services from a seller directly over the Internet from a website where the particular product is available. This is called online shopping. This paper presents a method for online price prediction of products from website.
Keywords: Consumer behaviour; online shopping; e-commerce; Order Supplying

I. INTRODUCTION

Online shopping allows consumers to directly buy goods or services from a seller over the Internet using a web browser. It is also part of e-commerce. Actually consumers find a product of interest from the website of the retailer directly or by searching alternative vendors using search engine prepared by vendors. It displays the same product's availability and pricing at different e-retailers. Online stores are usually available 24 hours a day, nowadays people can have internet access both at home or at workplace. So, people need not to go to the retail store. Online stores must describe products for sale with text, photos, and multimedia files, Some online stores provide or link to supplemental product information, such as instructions, safety procedures, demonstrations, or manufacturer specifications. Some provide background information, advice, or how-to guides designed to help consumers decide which product to buy. Some stores even allow customers to comment or rate their items. Another advantage of shopping online is being able to quickly seek out deals for items or services provided by many different vendors, online price comparison services and discovery shopping engines can be used to look up sellers of a particular product or service.
This paper presents a novel method for online price prediction of products of a particular website. This system can collect the online price of a particular product by crawling the particular website and store the information.

II. LITERATURE REVIEW

Consumer attitudes toward online shopping usually been determined by two factors; one is trust, and another is perceived benefits [1]. Therefore, trust and perceived benefits seem to be the critical conjectures of consumer behavior toward online shopping [2]. Moreover, information quality, merchandise attribute, website design, transaction capability, payment, security/privacy, delivery, self-consciousness, state of mind, the consumer's time sense and customer service are strongly predictive of online shopping satisfaction [3]. In Malaysia, information quality and purchase quality linked with the post-purchase quality are statistically significant in the case of customer satisfaction [4]. However, brand image and quality of products, goodwill of country of origin also influence significantly on purchase intention of online products [5]. Moreover, online data extraction about the products, services along with the historical data for individual customers is ingredient element to choose an online store or make re-purchase decision [6] identified that both shopping enjoyment and perceived usefulness (website) strongly predict the intention to re-purchase over online. On the contrary, [7] found shopping enjoyment can increase the intent of new customers but does not influence customers to return. In fact, the web store which utilizes value-added mechanisms in the search engine and providing customers a challenging experience may increase customers' shopping enjoyment. Furthermore, if there are more often customers back to the web store, their shopping enjoyment then be determined by their involvement with the product [8]. Researchers [9] proposed a model of attitude, behaviour, and shopping intention towards Internet shopping in general. The design includes several indicators classified into four broad categories like product value, quality services offered through the website, the shopping experience, and the risk perception of the online shopping. Other researchers [10] studied categories of variables, which drive online shopping activity. In their study, they divided the features into three broad categories. Perceived characteristics of the web sale channel are the first one which includes risk, online shopping experiences, advantage, service quality, trust. The second category is a website and product features which are risk reduction measures, site features, and product characteristics; and the last group is consumer characteristics. Various types of features, demographic variables, consumer shopping orientations, consumer innovativeness and psychological variables, computer, Internet knowledge, and usages drives consumer characteristics.

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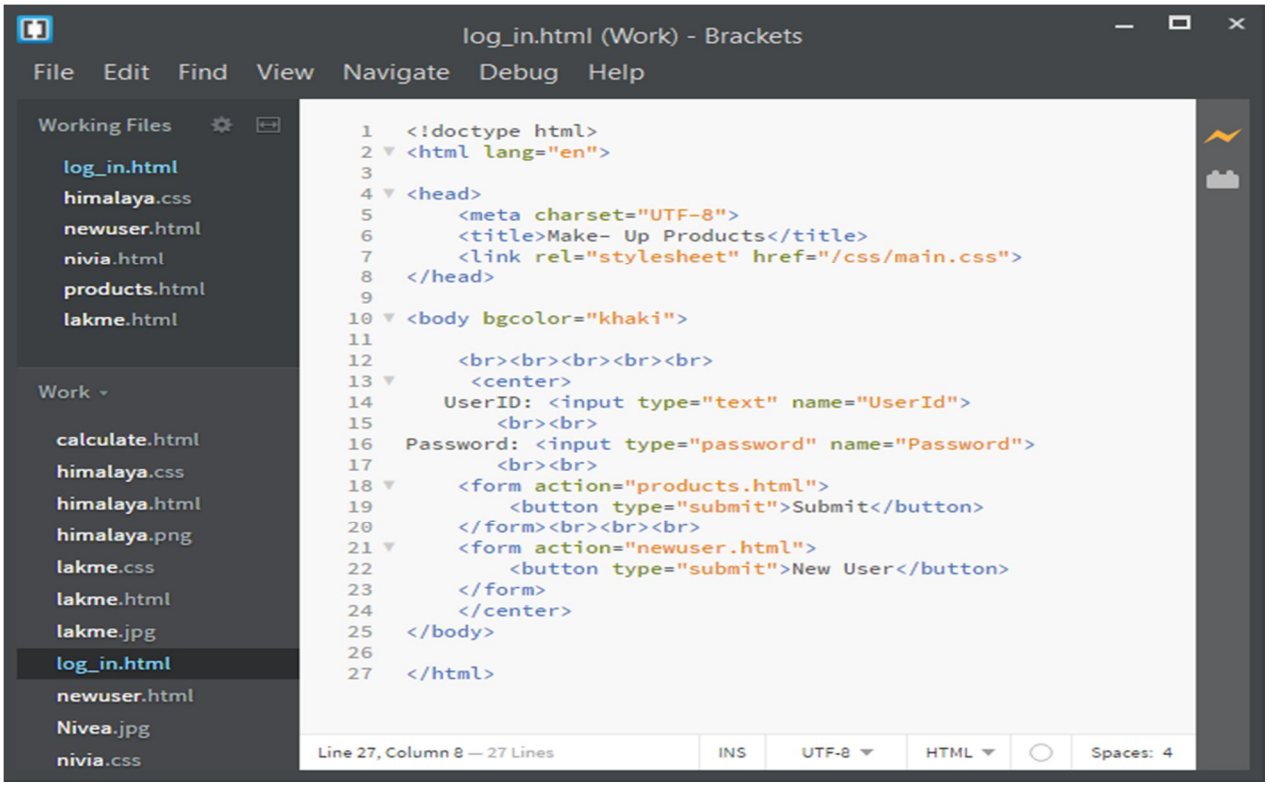
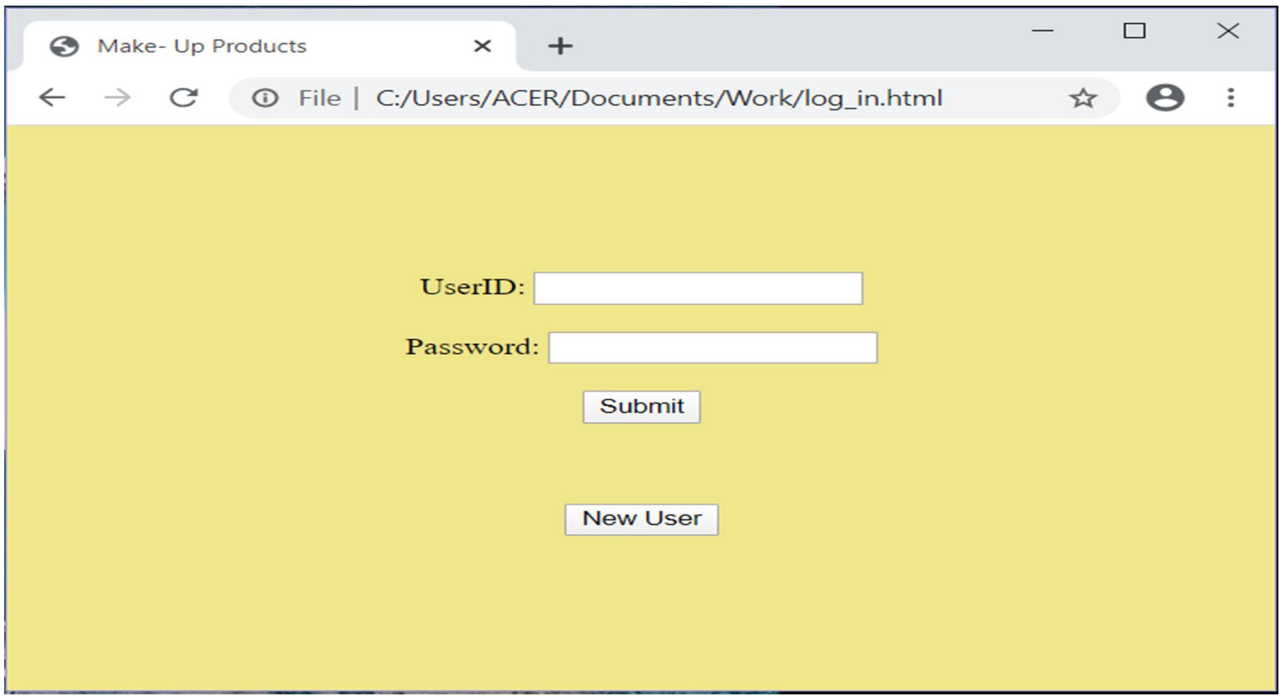
A. Proposed Method

In this paper, a system has been developed where user can choice item or items and the system fulfilled the choice. Also bill was generated and it can deliver to customer. Each user has to enter the system by giving login details. That item is basically searched by the user in a particular online shopping website and the system has the ability to predict. The outputs are shown in following screenshots.



Log-In Page to Validate User detail



Log-In Page Output Window

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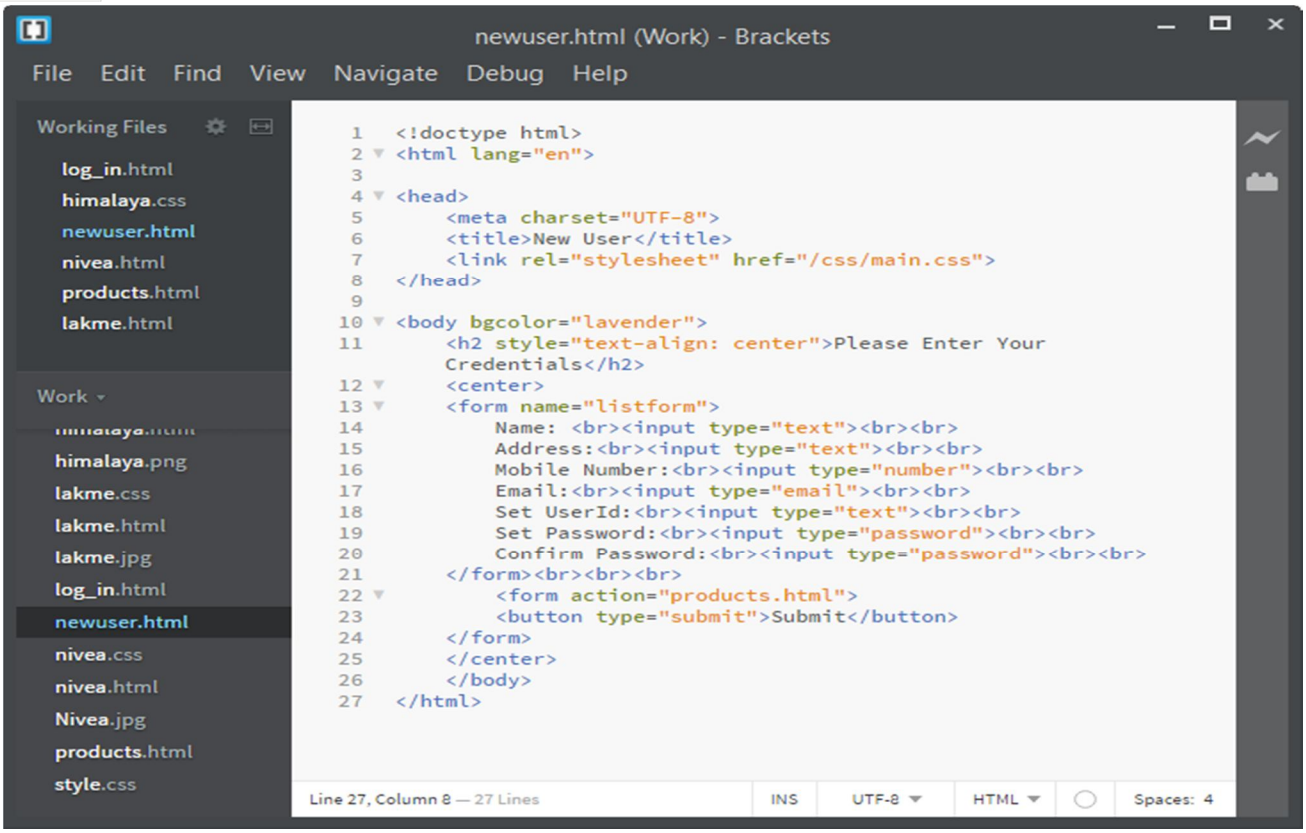
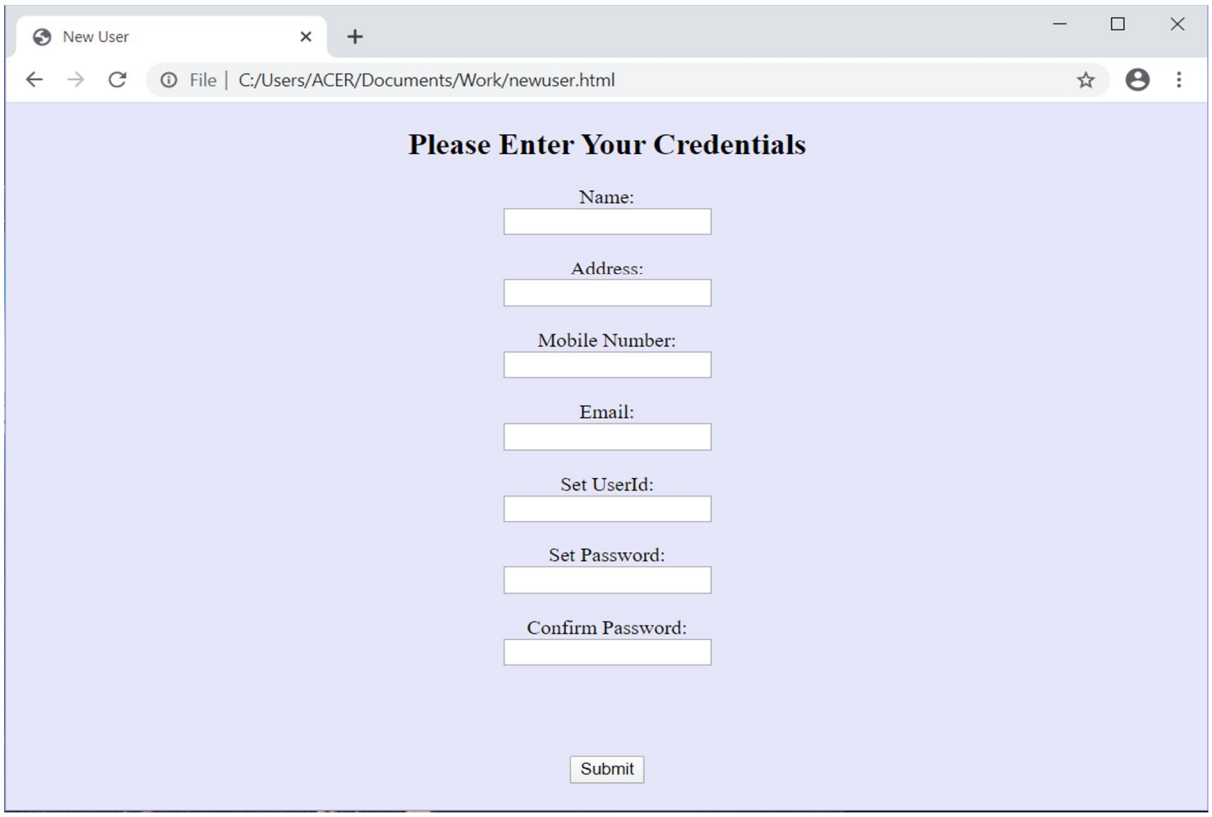


New User Page HTML Code to Create a New Profile



New User has to enter the following credentials to create a profile

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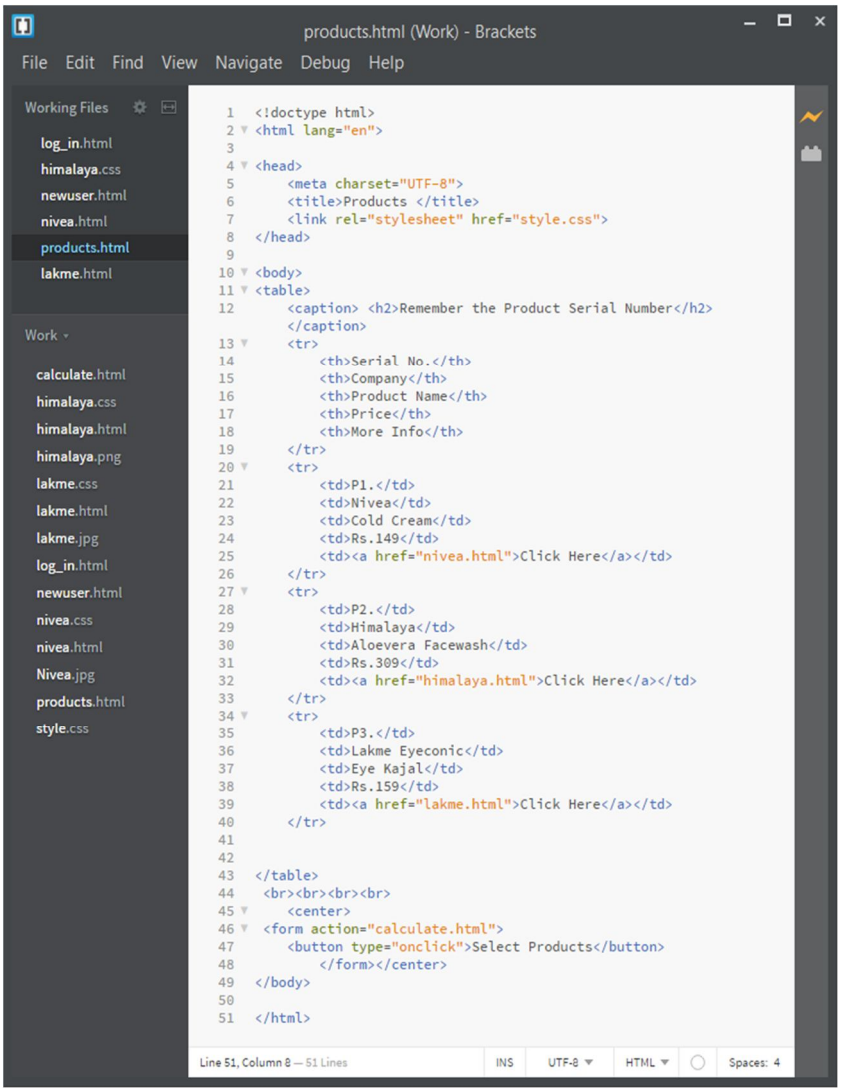
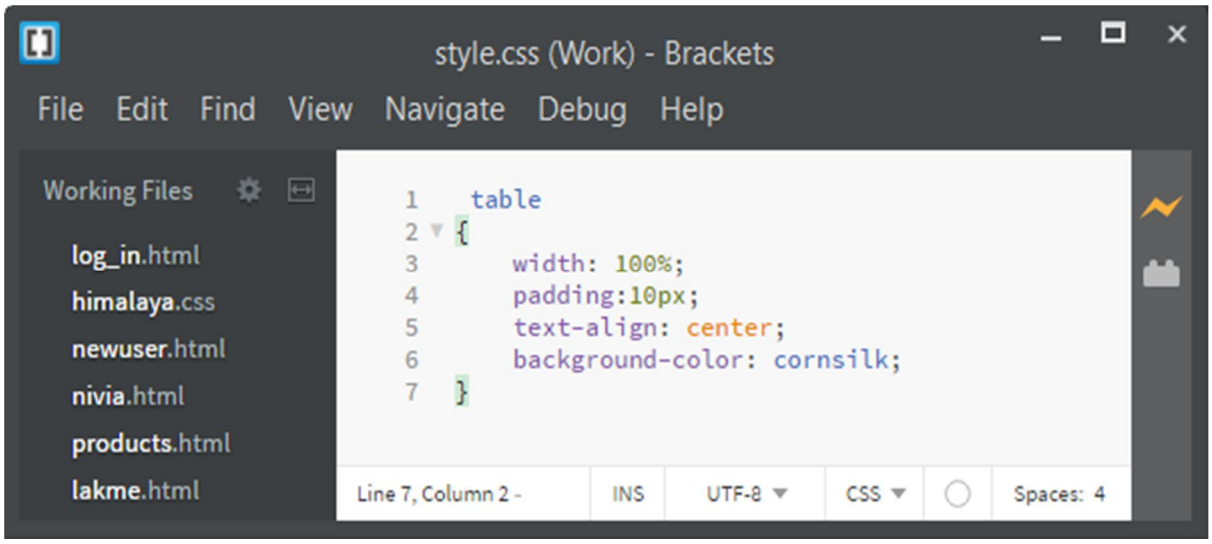


Products Page HTML code to view the products available for sale



Products Page CSS Window for present and further Visual Effects

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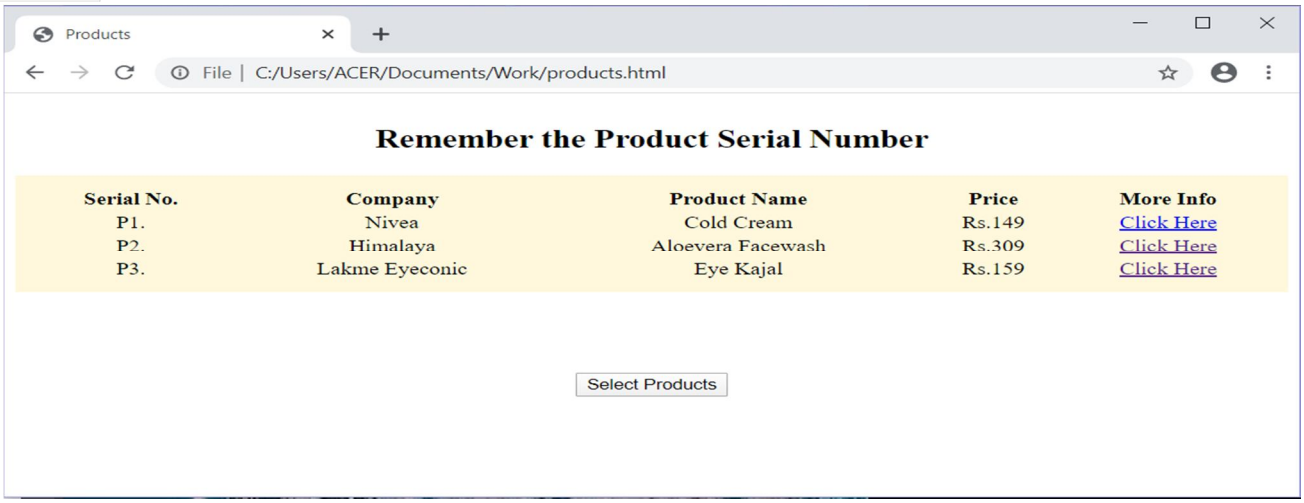
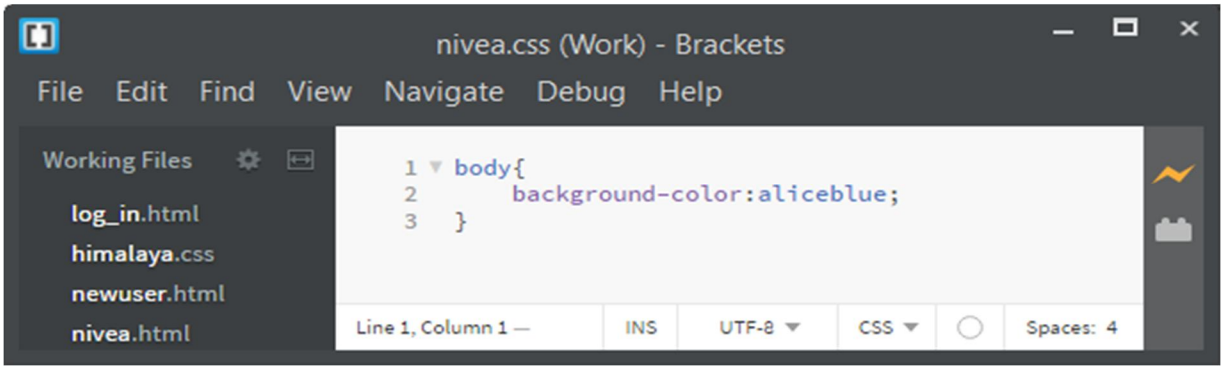


Products are shown in a table and the link to the product description is given under the **More Info** column

Product P1(Nivea) Description Page HTML Code



Product P1(Nivea) Description Page CSS Code for present and further Visual Effects

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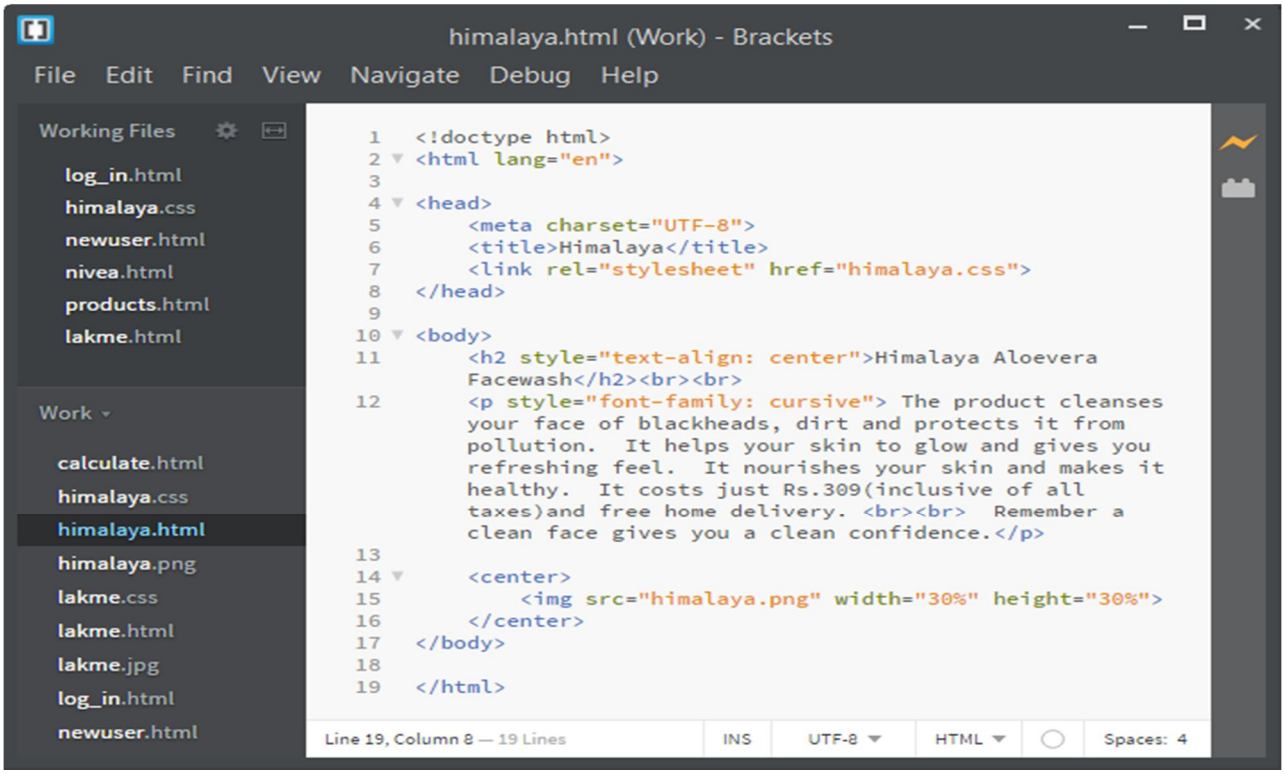
Product P1(Nivea) Description Page



Product P2(Himalaya) Description Page HTML Code

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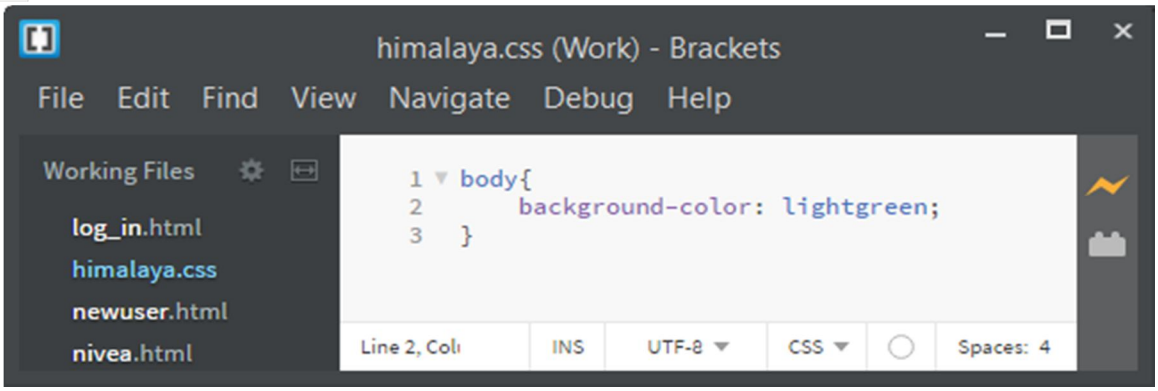
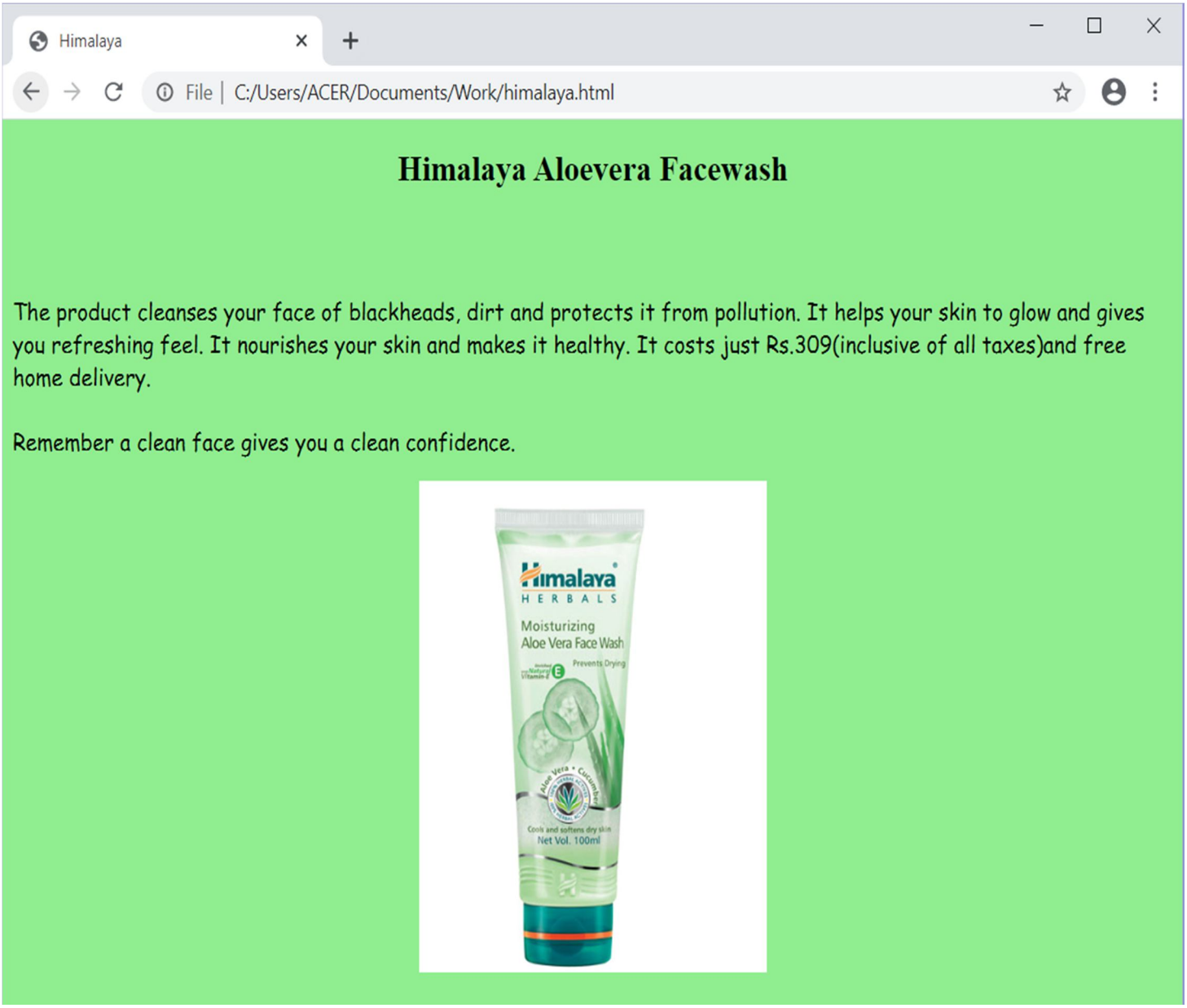


Product P2(Himalaya) Description Page CSS Code for present and further Visual Effects



Product P2(Himalaya) Description Page

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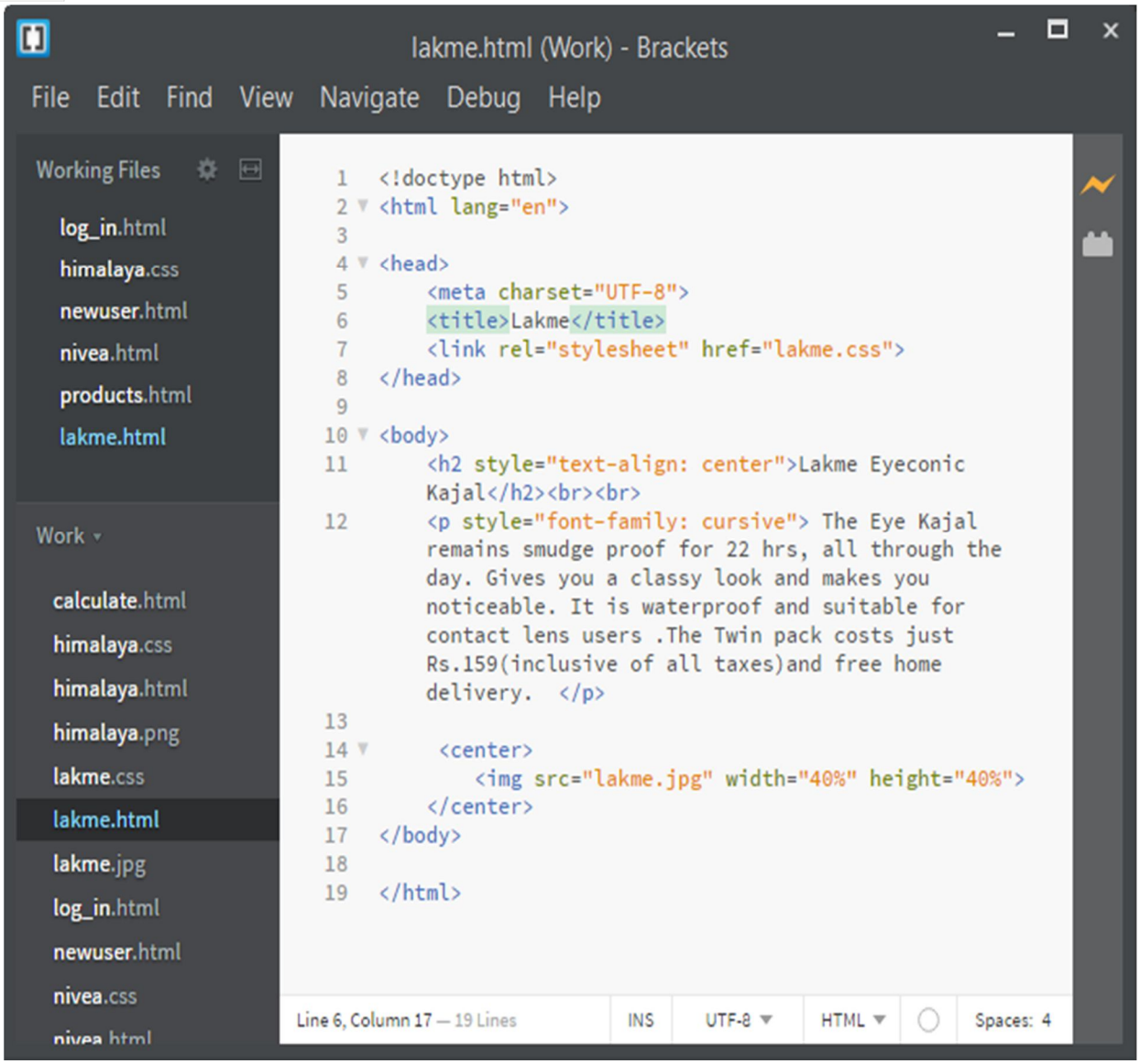
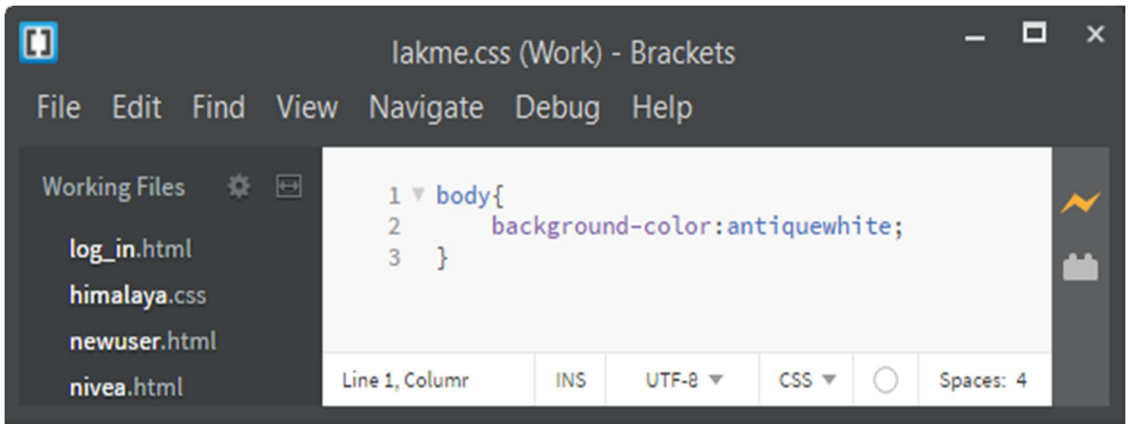


Product P3(Lakme) Description Page HTML Code



Product P2(Himalaya) Description Page CSS Code for present and further Visual Effects

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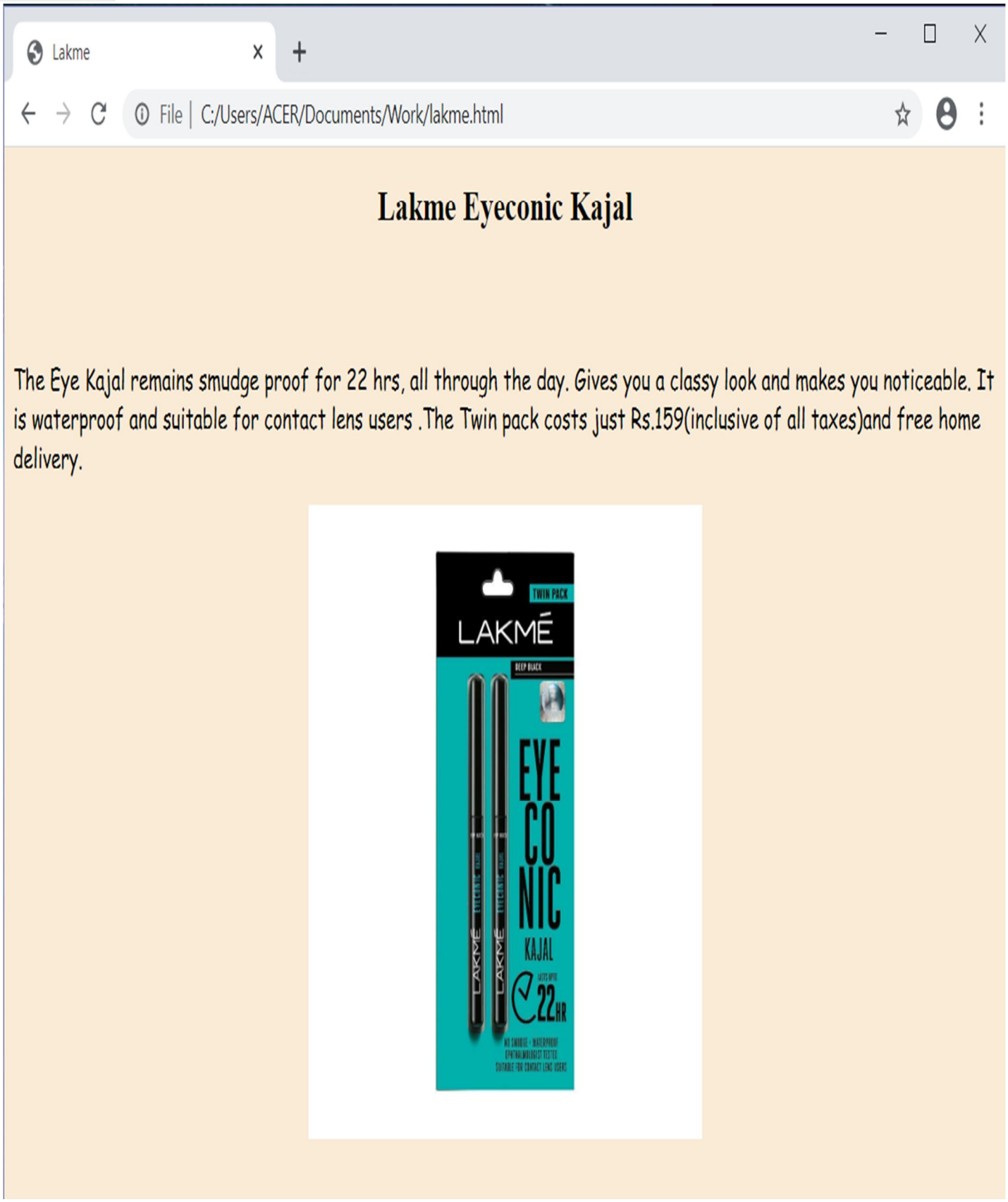

Product P2(Himalaya) Description Page

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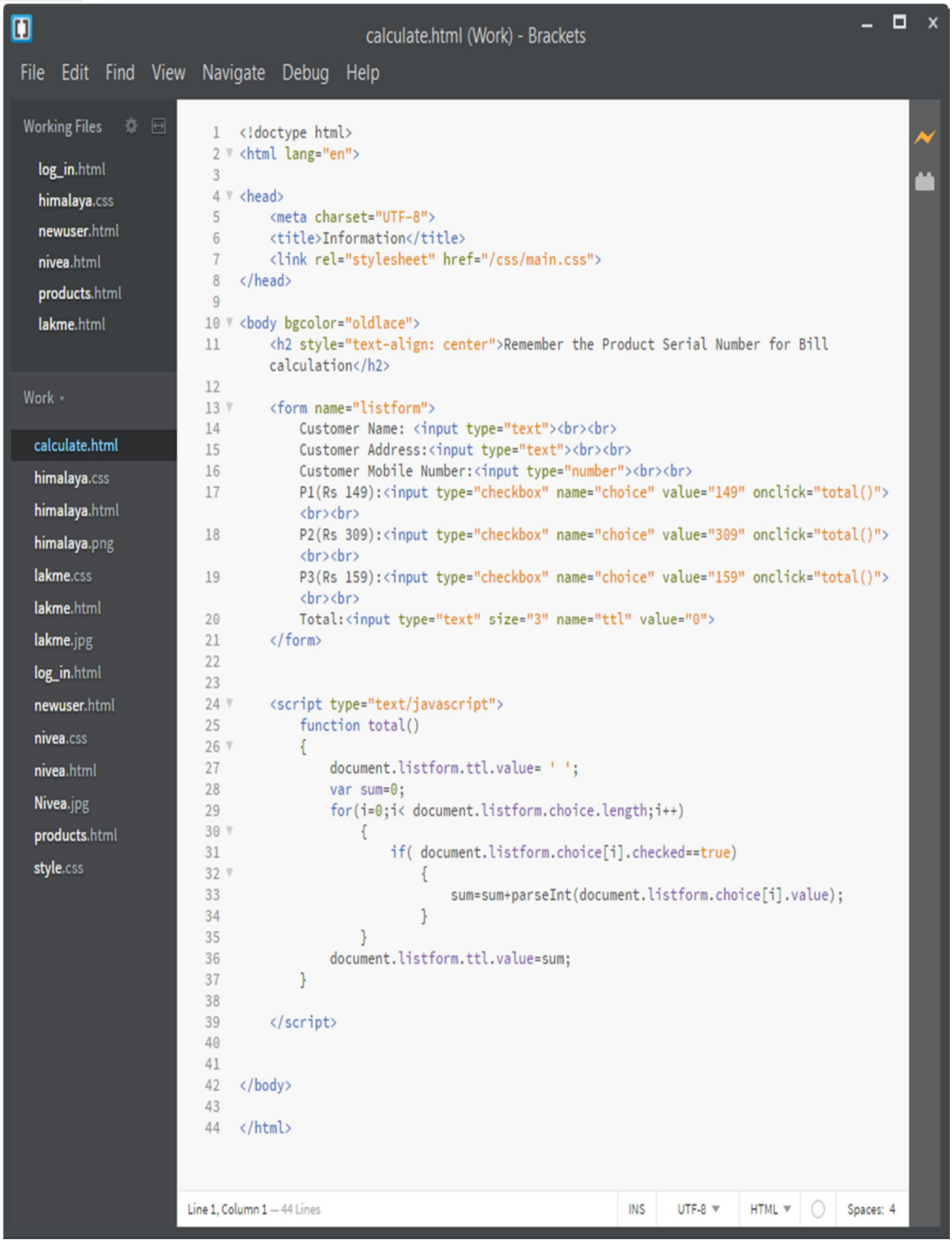

Bill Calculation HTML Code- Calculates the bill for the products selected by the user.

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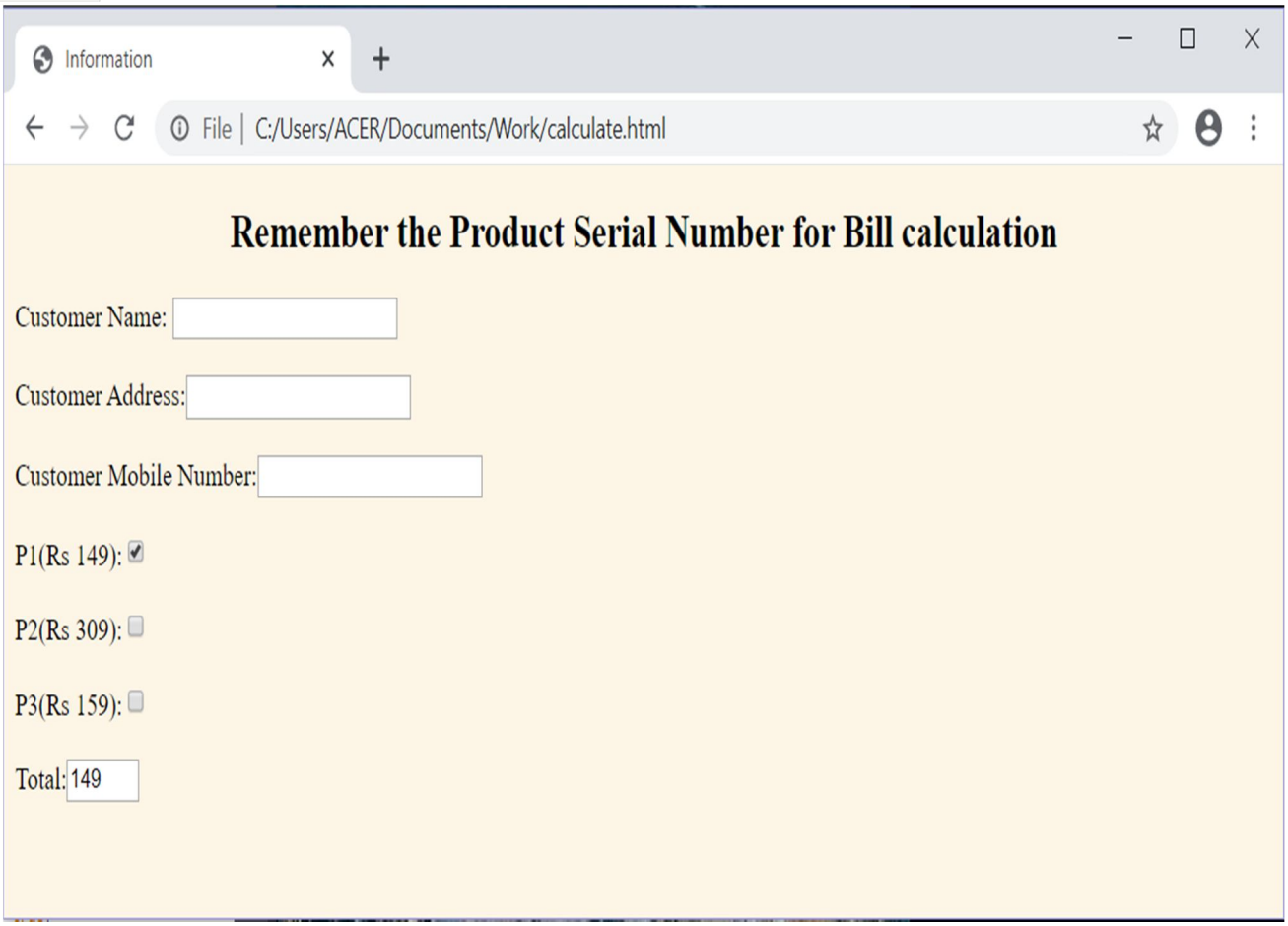
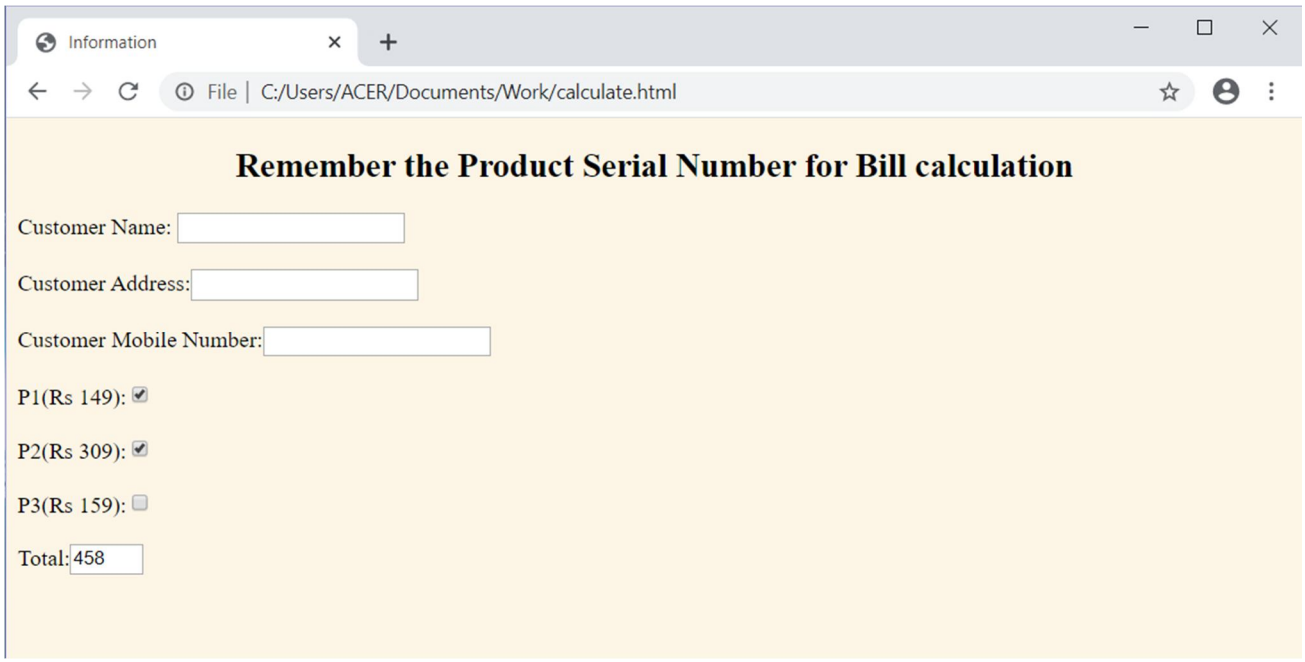


Bill Calculated for 1 selected item



Bill Calculated for 2 selected items

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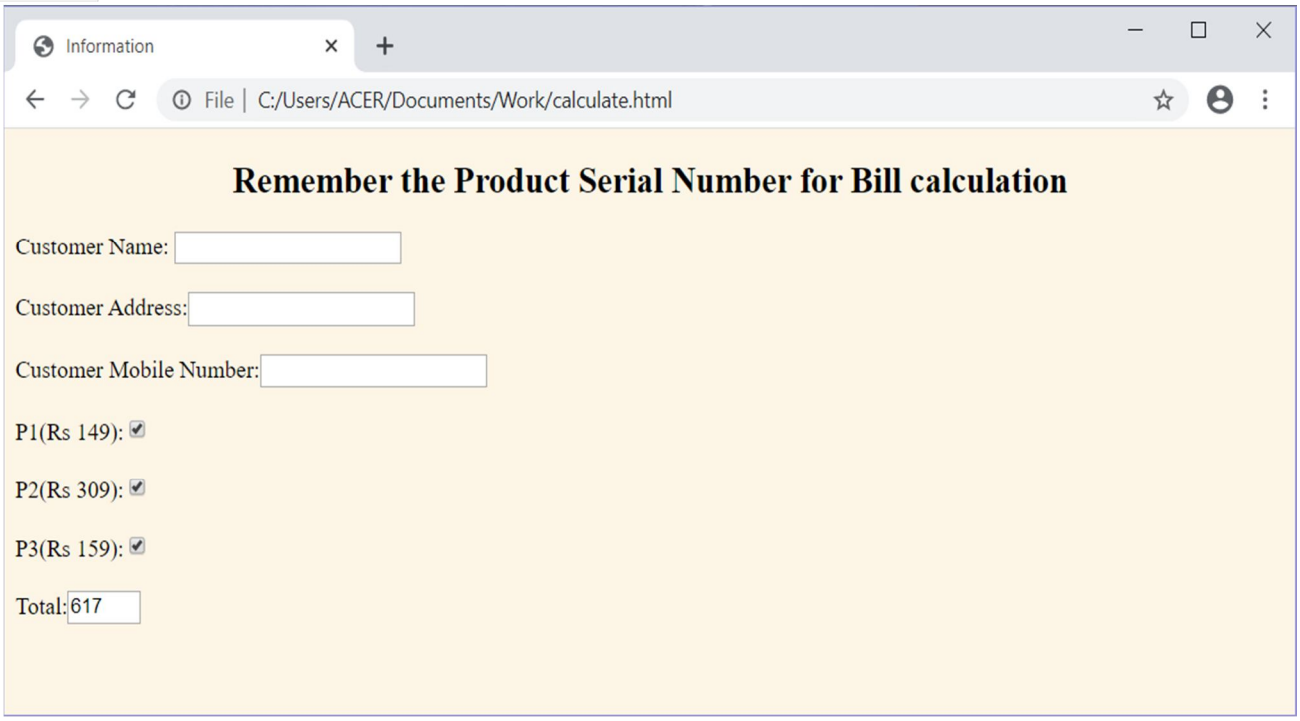

Bill Calculated for 3 selected items

III. CONCLUSIONS

Order processing refers to the entire process starting from the sale, up until the post-delivery experience of the customer. It covers all the essential aspects such as receiving, processing, and delivering orders. Most e-Commerce sellers carry out order using some operations. This paper gives an overview of the process.

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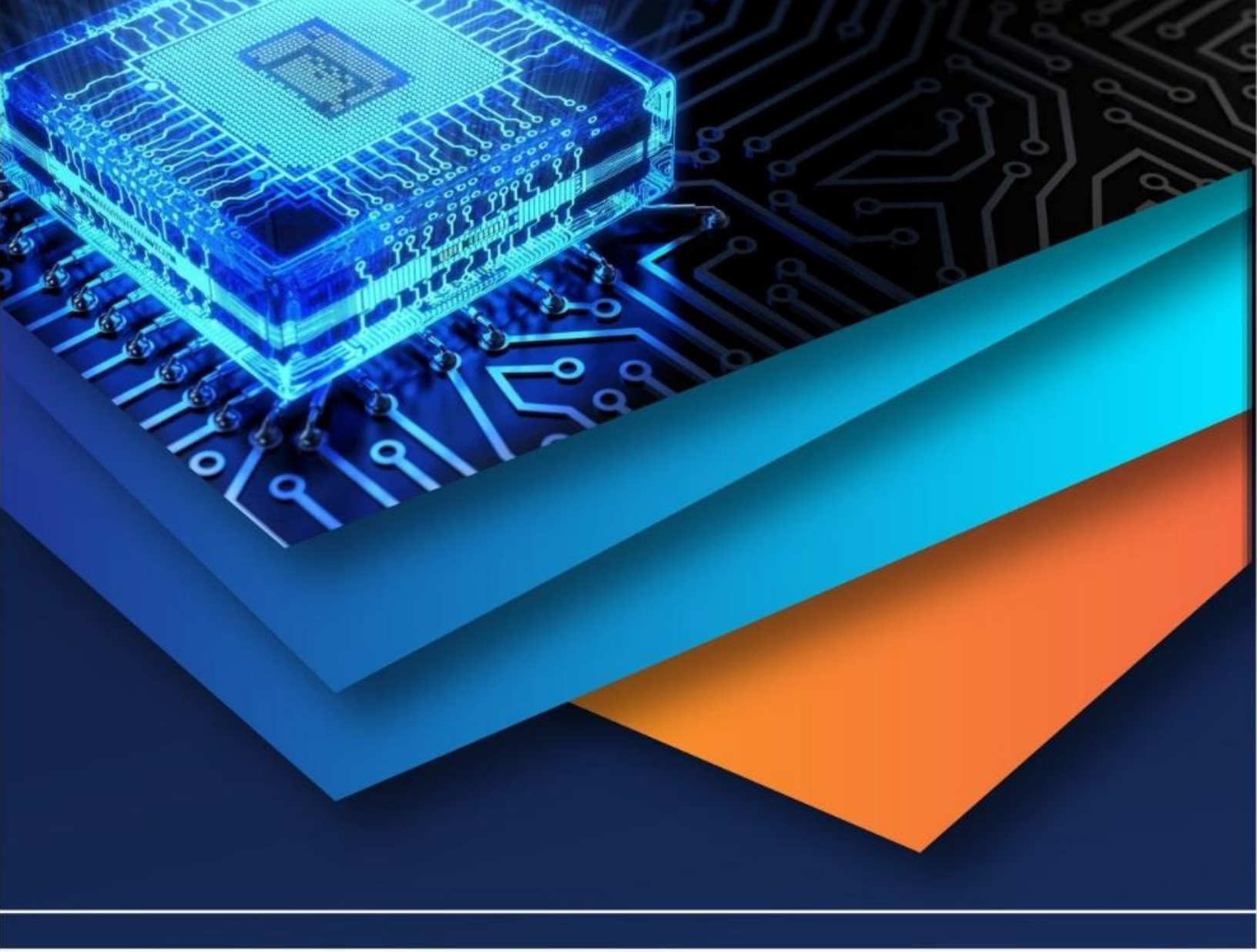

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