DESCRIPTION OF THE PROJECT.

The topic of the project describes to accept the name and menu of the restaurant according to our choice. It also asks us to accept the menu of the restaurant and the bill to be paid by the customer according to the number of items/dishes bought by the customer. Accordingly, we have decided the name of the restaurant as "The Coffee Cup" as per the program. The menu of the restaurant consists of five various varieties like: coffee,tea,snacks,desserts and special drinks. Each variety consists of ten to twelve various dishes/items of its category.

The further proceeding of the program includes the accepting of the menu using arrays, where we have used five different arrays to accept five different varieties including their dishes/items. We have used String type arrays to accept the various varieties and Integer type arrays to accept to accept the prices of each dish of the respective variety in the array. Ahead in the program, the use of a switch case can be noted. We have used five different cases namely case a,b,c,d,e where each variety is executed and the customer can correspondingly choose the dish of his/her choice. The customer can access the desired menu by selecting the menu of the variety of his/her choice. The switch case asks us to enter the number of items required and the corresponding dish can be selected by entering the number corresponding to it in the menu chosen by the customer. The bill can be proceeded according to the choice of the customer. Further ahead we have the other four varieties contained in the respective cases in the switch case where the customer can access the tea,snacks,desserts or special drinks menu of his/her desired choice. All the five cases have the same function in which the number of items required can be entered by the customer and the bill can be proceeded.

Then we have the bill where we use "System.out.println" to print the address, the contact number and the name of the restaurant. And then in a systematic format using tab spaces we print the serial number, the quantity, the items, the price and the total of the bill. The VAT charged on the bill will be 10% and the service charges will be 8% and will be printed in the bill. Then on execution of the total money paid by the customer after charging VAT and the service charges on the purchase the Grand Total will be printed in the bill.

During the execution of the bill, we have certain offers which can be given/provided to the customer's according to their purchase from the restaurant. The two special offers will be entered in an "if" loop where it describes a special offer to the customer who has purchased for more than Rs. 1,000 in the restaurant. On this condition, the customer gets Rs. 100 off from the bill. The second offer applies for the customers who have purchased for more than Rs. 2,000 in the restaurant, then the customer gets two movie tickets.

The two special offers will be valid only when paid through ICICI bank credit card online.

The program concludes by printing sentences that please the customers who visit our restaurant and we would always value our customers time and would regret any inconvenience caused.

Hence the project comes to an end with the bill made and ends with the satisfaction and happiness of the customer who visits our restaurant "The Coffee Cup".

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