Q. WRITE A PROGRAM TO PROCESS THE BILL PAYMET OF A DIGITAL STORE.

A. #include <stdio.h>

int main() {

float originalPrice, finalPrice;

int paymentMethod, daysPaid;

printf("Enter the original price of the Smart TV: ");

scanf("%f", &originalPrice);

printf("Choose payment method:\n");

printf("1. Cash\n");

printf("2. Credit\n");

printf("Enter your choice (1 or 2): ");

scanf("%d", &paymentMethod);

if (paymentMethod == 1) {

// Cash payment: 25% discount

finalPrice = originalPrice \* (1 - 0.25);

printf("Payment method: Cash\n");

printf("Discount applied: 25%%\n");

} else if (paymentMethod == 2) {

// Credit payment

printf("Enter number of days within which payment was made: ");

scanf("%d", &daysPaid);

if (daysPaid <= 7) {

// Paid within 7 days: 15% discount

finalPrice = originalPrice \* (1 - 0.15);

printf("Payment method: Credit, paid within 7 days\n");

printf("Discount applied: 15%%\n");

} else {

// Paid after 7 days: 10% extra charged

finalPrice = originalPrice \* (1 + 0.10);

printf("Payment method: Credit, paid after 7 days\n");

printf("Extra charge applied: 10%%\n");

}

} else {

printf("Invalid payment method choice.\n");

return 1; // Indicate an error

}

printf("Original Price: %.2f\n", originalPrice);

printf("Final Bill Amount: %.2f\n", finalPrice);

return 0; // Indicate successful execution

}

OUTPUT:





