```c
22. #include <stdio.h>

int main() {
    float originalPrice, discountPercentage, discountAmount, finalAmount;

    // Read original price from user
    printf("Enter the original price: ");
    scanf("%f", &originalPrice);

    // Read discount percentage from user
    printf("Enter the discount percentage: ");
    scanf("%f", &discountPercentage);

    // Calculate discount amount
    discountAmount = (discountPercentage / 100) * originalPrice;

    // Calculate final amount after discount
    finalAmount = originalPrice - discountAmount;

    // Display the calculated discount and final amount
    printf("Discount amount: Rs. %.2f\n", discountAmount);
    printf("Final amount after discount: Rs. %.2f\n", finalAmount);

    return 0;
}
```