**C Program Discount Calculator Using Ternary Operator:**

#include <stdio.h>

int main() {

float total, discount, final\_price;

printf("Enter total purchase amount: ₹");

scanf("%f", &total);

discount = (total >= 1000) ? (total \* 0.10) : (total \* 0.05);

final\_price = total - discount;

printf("Discount applied: ₹%.2f\n", discount);

printf("Final price after discount: ₹%.2f\n", final\_price);

return 0;

}

**Output:**

Enter total purchase amount: ₹1000

Discount applied: ₹100.00

Final price after discount: ₹900.00

=== Code Execution Successful ===