1.ORDER TRACKING SYSTEM

```c
#include <stdio.h>

int main() {

    int status;

    printf("Enter order status (1-4): ");

    scanf("%d", &status);

    switch(status) {

        case 1:

            printf("Your order has been placed.\n");

            break;

        case 2:

            printf("Your food is being prepared.\n");

            break;

        case 3:

            printf("Your order is out for delivery.\n");

            break;

        case 4:

            printf("Your order has been delivered. Enjoy your meal!\n");

            break;

        default:

            printf("Invalid status. Please enter a number between 1 and 4.\n");

    }


    return 0;

}
```

2.PRINTING A RIGHT ANGLED TRIANGLE

```c
#include <stdio.h>

int main() {

    int N;

    printf("Enter the number of rows: ");

    scanf("%d", &N);

    for (int i = 1; i <= N; i++) {

        for (int j = 1; j <= i; j++) {

            printf("* ");

        }

        printf("\n");

    }


    return 0;

}
```

3.PAYMENT GATEWAY SIMULATION

```c
#include <stdio.h>
#include <string.h>
int main() {
    int paymentMethod;
    char cardNumber[17];
    char upiID[50];
    int bankChoice;
    printf("Select Payment Method (1-3):\n");
    printf("1. Credit/Debit Card\n2. UPI\n3. Net Banking\n");
    scanf("%d", &paymentMethod);
    switch (paymentMethod) {
        case 1:
            printf("Enter your 16-digit card number: ");
            scanf("%16s", cardNumber);
            if (strlen(cardNumber) == 16) {
                printf("Payment Successful!\n");
            } else {
                printf("Transaction Failed. Please try again.\n");
            }
            break;
        case 2:
            printf("Enter your UPI ID: ");
            scanf("%s", upiID);
            if (strchr(upiID, '@') != NULL) {
```

```c
            printf("Payment Successful!\n");

        } else {

            printf("Transaction Failed. Please try again.\n");

        }

        break;

    case 3:

        printf("Select your bank:\n1. SBI\n2. HDFC\n");

        scanf("%d", &bankChoice);

        if (bankChoice == 1 || bankChoice == 2) {

            printf("Payment Successful!\n");

        } else {

            printf("Transaction Failed. Please try again.\n");

        }

        break;

    default:

        printf("Invalid payment method. Please try again.\n");

    }

    return 0;

}
```