

1.

```
#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");
            break;
    }

    return 0;
}
```

2.

```
#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.

```
#include <stdio.h>
#include <string.h>
int main()
{
    int choice, bank_choice;
    char card_number[20], upi_id[50];

    printf("Select Payment Method:\n");
    printf("1. Credit/Debit Card\n2. UPI\n3. Net Banking\n");
    printf("Enter your choice (1-3): ");
    scanf("%d", &choice);

    if (choice == 1)
    {
        printf("Enter 16-digit card number: ");
        scanf("%s", card_number);
        if (strlen(card_number) == 16)
            printf("Payment Successful!\n");
        else
            printf("Transaction Failed. Please try again.\n");
    }
    else if (choice == 2)
    {
        printf("Enter your UPI ID: ");
        scanf("%s", upi_id);
        if (strchr(upi_id, '@'))
            printf("Payment Successful!\n");
        else
            printf("Transaction Failed. Please try again.\n");
    }
    else if (choice == 3)
    {
        printf("Select Your Bank:\n1. SBI\n2. HDFC\n");
        printf("Enter your bank choice (1-2): ");
        scanf("%d", &bank_choice);
        if (bank_choice == 1 || bank_choice == 2)
            printf("Payment Successful!\n");
        else
            printf("Transaction Failed. Please try again.\n");
    }
    else
    {
        printf("Invalid payment method. Please try again.\n");
    }
}
```

```
    return 0;  
}
```