DAY 1 ASSIGNMENT

Problem 1

```c
#include <stdio.h>

int main() {
  int status;

  printf("Enter order status (1-4): ");
  scanf("%d", &status);

  switch (status) {
    case 1:
      printf("Order Placed\n");
      break;
    case 2:
      printf("Your food is being prepared.\n");
      break;
    case 3:
      printf("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;
}
```

Problem 2

```c
#include <stdio.h>

int main() {
```

```c
    int n, i, j;

    printf("Enter the number of rows: ");
    scanf("%d", &n);


    if (n <= 0) {
      printf("Please enter a positive integer.\n");
      return 1;
    }

    for (i = 1; i <= n; i++) {     // Outer loop for rows
      for (j = 1; j <= i; j++) {    // Inner loop for columns
        printf("*");              // Print a star
      }
      printf("\n");

    return 0;
}
```

Problem 3

```c
#include <stdio.h>

int main() {
    int paymentMethod;

    printf("Select Payment Method (1-3):\n");
    printf("1. Credit/Debit Card\n");
    printf("2. UPI\n");
    printf("3. Net Banking\n");
    scanf("%d", &paymentMethod);

    if (paymentMethod == 1) {
        printf("Enter your 16-digit card number: ");

        printf("Payment Successful!\n");
    } else if (paymentMethod == 2) {
        printf("Enter your UPI ID: ");

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

```c
    } else if (paymentMethod == 3) {
        printf("Select your bank:\n");
        printf("1. SBI\n");
        printf("2. HDFC\n");

        printf("Payment Successful!\n");
    } else {
        printf("Invalid payment method. Please try again.\n");
    }

    return 0;
}
```