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");
   }
   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 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)
      {
         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;
}
```