ASSESMENT-1(Monday)

```c
#include <stdio.h>
 int main() {
int status;
while (1) {
printf ("\n Enter the order status (1-4):\n");
printf("1. Order Placed\n");
printf("2. Preparing Food\n");
printf("3. Out for Delivery\n");
printf("4. Delivered\n");
printf("5. Exit\n");
printf("Your choice: ");
scanf("%d", &status);
switch(status) {
  case 1:
    printf("Current Status: Order Placed\n");
   break;
  case 2:
    printf("Current Status: Preparing Food\n");
   break;
  case 3:
    printf("Current Status: Out for Delivery\n");
   break;
case 4:
    printf("Current Status: Delivered\n");
break;
return 0;
default:
printf("Invalid input! Please enter a number between 1 and 5.\n");
    }
return 0;
   }
```

ASSESMENT-1(Monday)

2.
```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");
  }
}
```

3.
```c
#include<stdio.h>
#include<string.h>
int main() {
  int method;
  char cardNumber[17];
  char upiID[50];
  int bankOption;
while(1) {
printf("Select Payment Method: \n");
printf("1. Credit/Debit Card\n");
printf("2. UPI\n");
printf("3. Net Banking\n");
printf("Enter your choice (1-3): ");
scanf("%d", &method);
switch (method) {
  case 1:
```

```c
    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) {
      if (strchr(upiID, '@') != NULL) {
         printf("Payment Successful!\n");
          } else {
       printf("Transaction Failed. Please try again.\n");
     }
    break;
   case 3:
      printf("Select your bank: \n");
      printf("1. SBI\n");
      printf("2. HDFC\n");
      printf("Enter your choice: ");
     scanf("%d", &bankOption);
      if (bankOption==1||bankOption == 2) {
       printf("Payment Successful!\n");
     } else {
       printf("Transaction Failed. Please try again.\n");
    }
     break;
   default:
      printf("Invalid payment method. Please try again.\n");
```

ASSESMENT-1(Monday)

```
    }
  }
  return 0;
  }
}
```

Outputs:

1. Enter the order status (1-4):
   1.Order Placed
   2.Preparing Food
   3.Out for Delivery
   4.Delivered
   5.Exit
   Your choice: 2
   Current Status: Preparing Food

2. Enter the number of rows: 6
   ```
    *
    **
    ***
    ****
    *****
   ```

3. Select Payment Method:
   1.Credit/Debit Card
   2.UPI
   3.Net Banking
   Enter your choice (1-3): 3
   Select your bank:
   1.SBI
   2.HDFC
   Enter your choice: 2
   Payment Successful!