**CODE ASSIGMENT 1 (AIRCRAFT)**

**import** java.util.Scanner;

**public** **class** Assignment1 {

**public** **static** **void** main(String[] args) {

Scanner sc = **new** Scanner (System.***in***);

System.***out***.println ("Hye! Welcome and thank you for choosing Malaysia Airlines and we look forward to welcoming you on board.");

System.***out***.println("We're having promotion for year-end sale.");

System.***out***.println ("May I have your name and email address number please.");

//Choosing avail seat

**int**[] SeatNo = **new** **int**[30];

**int** Seats;

**int** YesOrNo = 1;

**while** (YesOrNo == 1) {

System.***out***.println("Name: ");

String name = sc.next();

System.***out***.println("Email address: ");

String email = sc.next();

System.***out***.printf("Welcome! Please have a look at the available seat.\n\n");

**for** (**int** i = 1; i <= 34; i++) {

System.***out***.print("\*");

}

System.***out***.println();

System.***out***.print(" MH157 SEATING PLAN");

System.***out***.println();

**for** (**int** j = 1; j <= 34; j++) {

System.***out***.print("\*");

}

System.***out***.println();

**for** (**int** Seat = 0; Seat < SeatNo.length; Seat++) {

System.***out***.printf(Seat + "\t");

**if** (Seat == 4) {

System.***out***.println();

} **else** **if** (Seat == 9) {

System.***out***.println();

} **else** **if** (Seat == 14) {

System.***out***.println();

} **else** **if** (Seat == 19) {

System.***out***.println();

} **else** **if** (Seat == 24) {

System.***out***.println();

} **else** **if** (Seat == 29) {

System.***out***.println();

}

}

**for** (**int** k = 1; k <= 34; k++) {

System.***out***.print("\*");

}

System.***out***.println();

System.***out***.print("Which seat would you like to book? ");

Seats = sc.nextInt();

**while** (Seats < 0 || Seats > 29) {

System.***out***.println("Only 0 - 29 seats are allowed to book. Please try again: ");

Seats = sc.nextInt();

}

**for** (**int** SeatCounter = 0; SeatCounter < SeatNo.length; SeatCounter++) {

**if** (SeatCounter == Seats) {

System.***out***.println("Seat " + Seats + " is successfully booked.");

System.***out***.println(

"Thanks for booking!\n\nWould you like to make next booking? (Type 1 = Yes; Type 2 = No)");

YesOrNo = sc.nextInt();

**if** (YesOrNo == 2) {

System.***out***.println("Thank you for choosing Malaysia Airlines!");

}

}

}

**while** (YesOrNo != 1 && YesOrNo != 2) {

System.***out***.println("Invalid input.");

System.***out***.println("Type 1 = Continue booking; Type 2 = Done booking");

YesOrNo = sc.nextInt();

**if** (YesOrNo == 2) {

System.***out***.println("Thank you for choosing Malaysia Airlines");

}

}

}

}

}

**ASSIGMENT 1 OUTPUT**



