

PRE-RELEASE MATERIAL 2210/22 MJ-2021**O-Level Computer Science May/June 2210 2021****Exam Style Questions:**

Explain what **DATA STRUCTURES / ARRAYS** you have used in your program.

- Array 1:** `TrainTimeUp [] : String = {"9:00", "11:00", "13:00", "15:00"}`
 Data Type: **STRING**
 Purpose: **To store the Timings of train going up the hill.**
- Array 2:** `totaldownseats() = {480, 480, 480, 640} //CONSTANT array with fixed values`
 Data Type: **INTEGER**
 Purpose: **To store the total seats in trains coming down the hill.**
- Array 3:** `DECLARE occupiedDownseat() = {0, 0, 0, 0} //CONSTANT array fixed values`
 Data Type: **INTEGER**
 Purpose: **To store the occupied seats in train.**

Name **the** variables that you have used in **Task 1, Task2 or Task 3** and state the purpose of each one.

- Variable 1:** `NumOfPassanger`
 Data Type: **INTEGER**
 Purpose: **To input the number of passengers travelling in train**
- Variable 2:** `Choice`
 Data Type: **BOOLEAN**
 Purpose: **To input choice of customer, whether he wants to buy more tickets or not?**
- Variable 3:** `UpTrip`
 Data Type: **INTEGER**
 Purpose: **To store the train number for upward journey.**
- Variable 4:** `DownTrip`
 Data Type: **INTEGER**
 Purpose: **To store the train number for Downward journey.**

Name **two** constant you used for **Task 1, Task2 or Task 3** and state the purpose of each one.

- Constant 1:** `CONSTANT OneWayTicket = 25`
 Data Type: **INTEGER**
 Value: **= 25**
 Purpose: **Constant is used to store the value of One Way Ticket**