# QUESTION 2 – Simple School Attendance Tracker

## **Code**

void main() {

List<String> Students = ["Alice", "Bob", "Charlie"];

List<List<bool>> attendance = [

[true, false, true, false, true],

[false, true, true, true, false],

[true, true, false, true, true],

];

for (int i = 0; i < Students.length; i++) {

int count = 0;

for (int j = 0; j < attendance[i].length; j++) {

if (attendance[i][j]) {

count++;

}

}

double percentage = (count / attendance[i].length) \* 100;

print("${Students[i]}: ${percentage.toStringAsFixed(2)}%");

}

}

## **Output**

cselab3@cselab3:~/Desktop/1MS24AD015/Dart-Test$ dart "question 2.dart"

Alice: 60.00%

Bob: 60.00%

Charlie: 80.00%

# QUESTION 5 – Movie Ticket Booking Summary

## **Code**

## void main() {

## List<Map<String, dynamic>> bookings = [

## {"movieName": "Movie A", "ticketBooked": 3, "pricePerTicket": 100.0},

## {"movieName": "Movie B", "ticketBooked": 5, "pricePerTicket": 120.0},

## {"movieName": "Movie C", "ticketBooked": 2, "pricePerTicket": 150.0},

## ];

## double grandTotal = 0.0;

## print("Booking Summary: ");

## for (var booking in bookings) {

## double totalCost = booking["ticketBooked"] \* booking["pricePerTicket"];

## grandTotal += totalCost;

## print(

## "Movie: ${booking["movieName"]}, Tickets: ${booking["ticketBooked"]}, Price per Ticket: ${booking["pricePerTicket"]}, Total Cost: ${totalCost}",

## );

## }

## print("Grand Total: ${grandTotal}");

## }

## **Output**

cselab3@cselab3:~/Desktop/1MS24AD015/Dart-Test$ dart "question 5.dart"

Booking Summary:

Movie: Movie A, Tickets: 3, Price per Ticket: 100.0, Total Cost: 300.0

Movie: Movie B, Tickets: 5, Price per Ticket: 120.0, Total Cost: 600.0

Movie: Movie C, Tickets: 2, Price per Ticket: 150.0, Total Cost: 300.0

Grand Total: 1200.0