Internship Day-1: Assignment 1

1. void main() {

String zone = 'ABC';

double weight = 3.5;

double cost = 0;

if (zone == 'XYZ') {

cost = weight \* 5;

} else if (zone == 'ABC') {

cost = weight \* 7;

} else if (zone == 'PQR') {

cost = weight \* 10;

} else {

print('Error: Invalid destination zone.');

return;

}

print('Shipping cost to $zone is - $cost ');

}

1. void main() {

double totalBill = 1200;

int people = 4;

if (people <= 0) {

print('Number of people must be greater than zero.');

} else {

double splitAmount = totalBill / people;

print('Each person should pay: $splitAmount ');

}

}

1. void main() {

List<int> a = [1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89];

for (int num in a) {

if (num < 5) {

print(num);

}

}

}

1. void main() {

String input = "3,5,7,23"; // sample input

List<String> list = input.split(',');

Set<String> set = list.toSet();

print('List: $list');

print('Set: $set');

}