Chapter 1:

In DartPad:

Code 1.1:

multiplyNumbers(arg1, arg2) {

return print(arg1 \* arg2);

}

void main() {

multiplyNumbers(3, 5);

}

Code 1.2:

double multiplyNumbers(int arg1, double arg2) {

return arg1 \* arg2;

}

void main() {

double result;

result = multiplyNumbers(3, 5.5);

print(result);

}

Code 1.3:

class Employee {

String name = 'Ipsi';

int age = 30;

}

void main() {

var employee1 = Employee();

var employee2 = Employee();

employee2.name = 'Oscar';

print(employee1.name);

print(employee2.name);

}

Code 1.4:

void main() {

var numbersList = [];

numbersList.add(1);

numbersList.add(2);

print(numbersList);

}

Code 1.5:

void main() {

var user = {'name': 'Ipsi', 'surname': 'Patro'};

print('Map is:$user');

user.addAll({'gender': 'F', 'email': 'ipsi@xyz.com'});

print('Map after adding keys:$user');

user.remove('surname');

print('Map after removing keys:$user');

user.forEach((k,v)=>print('$k: $v'));

user.clear();

print('Map after clearing entries:$user');

}

Code:1.6:

void main() {

List numbers = [1, 2, 3, 4];

print('List is: $numbers');

print('First element of the List is: ${numbers.first}');

}