// Main function

void main() {

stringplayground();

}

//Play ground function

void stringplayground(){

// basicStringDeclaration();

// muiltilineString();

combiningString();

}

//string declating

void basicStringDeclaration() {

// With Single Quotes

print('Single quotes');

final aBoldStatement = 'Dart isn\'t loosely typed.';

print(aBoldStatement);

//raw string

print('Raw String');

final rawString = r'Show an escape \ character';

print(rawString);

// With Double Quotes

print("Hello, World");

final aMoreMildOpinion = """Dart's popularity has

skyrocketed with

Flutter!""";

print(aMoreMildOpinion);

// Combining single and double quotes

final mixAndMatch =

'''Every programmer should write"hello ,world" when learning

a new language''';

print(mixAndMatch);

}

//this is multi line function

void muiltilineString(){

// Correct use of escape characters for new lines

final withEscaping = 'One Fish\nTwo Fish\nRed Fish\nBlue Fish';

print(withEscaping);

// Correct multi-line string using triple single quotes

final hamlet = '''

To be, or not to be, that is the question:

Whether 'tis nobler in the mind to suffer

The slings and arrows of outrageous fortune,

Or to take arms against a sea of troubles

And by opposing end them.

''';

print(hamlet);

}

// for all concatenation functions

void combiningString(){

traditionalconcate();

mordernconta();

}

//a function to show traditional Concatenation

void traditionalconcate(){

final hello = 'Hello';

final world = "world";

final combined = hello + ' ' + world;

print(combined);

}

//function to show modern concatenation

void mordernconta(){

final year = 2011;

final interpolated = 'Dart was announced in $year.';

print(interpolated);

final age = 42;

final howOld = 'I am $age ${age == 1 ? 'year' : 'years'} old.';

print(howOld);

}

//final varibles(runtime) and const varibles(compli time varible) read //more on this