



## DEPARTMENT OF COMPUTER SCIENCE

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# ASSGINMENT

## 30 common error in DART Language

### Error 1: Missing Semicolon Error

ERROR!

/tmp/1OgOQAwkkK/main.dart:2:24: Error: Expected ';' after this.

```
print("Hello world") }
```

Code with error	Corrected code
void main() { print("Hello world") }	void main() { print("Hello world"); }

### Error 2: Missing Closing Brace Error

ERROR!

/tmp/fHo5suX262/main.dart:1:13: Error: Can't find '}' to match '{'.

```
void main() {
```

Code with error	Corrected code
void main() { print("Hello world");	void main() { print("Hello world"); }

### Error 3: Undefined Identifier Error

ERROR!

/tmp/v5iA4ngKAH/main.dart:2:19: Error: Undefined name 'Amaan'.

```
String name = Amaan;
```

Code with error	Corrected code
void main() {	void main() {

```
String name = Amaan;  
print(name);}
```

```
String name = "Amaan";  
print(name);}
```

#### Error 4: Too many positional arguments

ERROR!

/tmp/30RueqcjKg/main.dart:3:10: Error: Too many positional arguments: 1 allowed, but 2 found.

Try removing the extra positional arguments.

```
print("Hello ",name);
```

org-dartlang-sdk:///sdk/lib/core/print.dart:19:6: Context: Found this candidate, but the arguments don't match. void print(Object? object) {

Code with error	Corrected code
<pre>void main() {   String name = "Amaan";   print("Hello ", name); }</pre>	<pre>void main() {   String name = "Amaan";   print("Hello \$name"); // Correct:   Interpolation}</pre>

#### Error 5: Undefined name 'stdin'

ERROR!

/tmp/9B5iJuN5SP/main.dart:3:19: Error: Undefined name 'stdin'.

```
String? name= stdin.readLineSync();
```

Code with error	Corrected code
<pre>void main() {   print("Enter your name= ");   String? name=   stdin.readLineSync();   Print(name);}</pre>	<pre>import 'dart:io'; void main() {   print("Enter your name= ");   String? name=   stdin.readLineSync();   print(name);}</pre>

### Error 6: Type mismatch

ERROR!

/tmp/UP9x0GZEk0/main.dart:4:21: Error: A value of type 'String?' can't be assigned to a variable of type 'int?'.

```
int? num= stdin.readLineSync();
```

Code with error	Corrected code
<pre>import 'dart:io'; void main() {   print("Enter a number= ");   int? num= stdin.readLineSync();   print(num); }</pre>	<pre>import 'dart:io'; void main() {   print("Enter a number= ");   int? num=     int.parse(stdin.readLineSync()!);   print(num);}</pre>

### Error 7: Undefined Variable / Setter Not Found

ERROR!

/tmp/eYEBzk68Kd/main.dart:3:6: Error: Setter not found: 'x'.

```
x = 10;
```

/tmp/eYEBzk68Kd/main.dart:4:11: Error: Undefined name 'x'.

```
print(x);
```

Code with error	Corrected code
<pre>void main() {   x = 10;   print(x);}</pre>	<pre>void main() {   int x = 10;   print(x);}</pre>

### Error 8: case-sensitive error

ERROR!

/tmp/WLW0mTHjrF/main.dart:4:6: Error: 'string' isn't a type.

```
string name = "Amaan";
```

Code with error	Corrected code
<pre>void main() {     string name = "Amaan";     print (name);}</pre>	<pre>void main() {     String name = "Amaan";     print (name);}</pre>

### Error 9: Nullable String passed to non-nullable parameter

ERROR!

/tmp/06WitdVnk2/main.dart:4:30: Error: The argument type 'String?' can't be assigned to the parameter type 'String' because 'String?' is nullable and 'String' isn't.

```
int? a= int.parse(stdin.readLineSync());
```

Code with error	Corrected code
<pre>import 'dart:io'; void main() {     print ("enter a=");     int? a=     int.parse(stdin.readLineSync());     print(a);}</pre>	<pre>import 'dart:io'; void main() {     print ("enter a=");     int? a=     int.parse(stdin.readLineSync()!);     print(a);}</pre>

### Error 10: Undefined loop variable (i) in for loop

ERROR!

/tmp/PMPrZD66ll/main.dart:5:17: Error: Undefined name 'i'.

```
for(i=num1;i<10;i++){
```

/tmp/PMPrZD66ll/main.dart:6:12: Error: Undefined name 'i'.

```
    print(i);
```

/tmp/PMPrZD66ll/main.dart:5:22: Error: Getter not found: 'i'.

```
for(i=num1;i<10;i++){
```

/tmp/PMPrZD66ll/main.dart:5:10: Error: Setter not found: 'i'.

```
for(i=num1;i<10;i++){
```

Code with error	Corrected code
<pre>import 'dart:io'; void main() {     print ("enter a number =");     int? num1= int.parse(stdin.readLineSync()!);     for(i=num1;i&lt;10;i++){         print(i);}}</pre>	<pre>import 'dart:io'; void main() {     print ("enter a number =");     int? num1= int.parse(stdin.readLineSync()!);     for(int i=num1;i&lt;10;i++){         print(i);}}</pre>

### Error 11: Using comma , instead of semicolon ; in for loop condition

ERROR!

/tmp/svKmY03gAQ/main.dart:5:23: Error: Expected ';' after this.

```
for(int i=num1;i<10,i++){
```

/tmp/svKmY03gAQ/main.dart:5:25: Error: Expected an identifier, but got ','.

Try inserting an identifier before ','.

```
for(int i=num1;i<10,i++){
```

Code with error	Corrected code
<pre>import 'dart:io'; void main() {     print ("enter a number =");     int? num1= int.parse(stdin.readLineSync()!);     for(int i=num1;i&lt;10,i++){         print(i);     }}</pre>	<pre>import 'dart:io'; void main() {     print ("enter a number =");     int? num1= int.parse(stdin.readLineSync()!);     for(int i=num1;i&lt;10;i++){         print(i);     }}</pre>

## Error 12: Missing return statement for non-nullable function

ERROR!

/tmp/coMKpvgvli/main.dart:2:5: Error: A non-null value must be returned since the return type 'int' doesn't allow null.

```
int Add(a,b){
```

Code with error	Corrected code
<pre>int Add(a,b){     a+b; } void main() {     // function call     print(Add(5,10)); }</pre>	<pre>int Add(a,b){     return a+b; } void main() {     // function call     print(Add(5,10)); }</pre>

## Error 13: Returning a value from a void function

ERROR!

/tmp/LE3XOH5QdW/main.dart:3:14: Error: Can't return a value from a void function.

```
    return a+b
```

/tmp/LE3XOH5QdW/main.dart:7:12: Error: This expression has type 'void' and can't be used.

```
    print(Add(5,10));
```

Code with error	Corrected code
<pre>void Add(int a,int b){     return a+b; } void main() {     // function call     print(Add(5,10)); }</pre>	<pre>void Add(int a,int b){     print(a+b) ; } void main() {     // function call     Add(5,10); }</pre>

## Error 14: Missing Class Body

ERROR!

/tmp/ajk9Cx2eHL/main.dart:3:7: Error: A class declaration must have a body, even if it is empty.

Try adding an empty body.

```
class Me;
```

/tmp/ajk9Cx2eHL/main.dart:3:9: Error: Unexpected token ';

```
class Me;
```

Code with error	Corrected code
<pre>class Me; //function void Myname( String a){ print("My name is \$a");}</pre>	<pre>class Me{ //function void Myname( String a){ print("My name is \$a");}}</pre>

## Error 15: Undefined Method Error

ERROR!

/tmp/hT7xryBAD8/main.dart:10:5: Error: The method 'teach' isn't defined for the class 'Teacher'.

- 'Teacher' is from '/tmp/hT7xryBAD8/main.dart'.

Try correcting the name to the name of an existing method, or defining a method named 'teach'.

```
t.teach();
```

Code with error	Corrected code
<pre>class Teacher { void subject() { print("Math"); } void main() { Teacher t = Teacher();}</pre>	<pre>class Teacher { void teach() { print("Teaching students..."); } void main() { Teacher t = Teacher();}</pre>

```
t.teach(); }
```

```
t.teach(); }
```

### Error 16: Method Not Found Error

ERROR!

/tmp/ONxyuAgNrU/main.dart:18:6: Error: The method 'bark' isn't defined for the class 'Dog'.

- 'Dog' is from '/tmp/ONxyuAgNrU/main.dart'.

Try correcting the name to the name of an existing method, or defining a method named 'bark'.

```
d1.bark();
```

Code with error	Corrected code
<pre>import 'dart:io'; class Animal {     void Sound() {         print("Animals make sounds");}} class Dog extends Animal {     void Bark() {         print("Dog barks : woof woof!");} void main() {     Dog d1 = Dog();     d1.bark();}</pre>	<pre>import 'dart:io'; class Animal{     void Sound( ){         print("Animals make sounds");} class Dog extends Animal{     void bark(){         print("Dog barks : woof woof!");} void main() {     Dog d1=Dog();     d1.bark(); }</pre>

### Error 17: Wrong Data Type Assignment

ERROR!

/tmp/SVR4Fs4ThC/main.dart:2:13: Error: A value of type 'String' can't be assigned to a variable of type 'int'.

```
int age = '20';
```

Code with error	Corrected code
<code>void main() {     int age = '20';     print(age);}</code>	<code>void main() {     int age = 20;     print(age);}</code>

### Error 18: Wrong Operator in Condition

ERROR!

/tmp/DzICgC4i36/main.dart:3:7: Error: A value of type 'int' can't be assigned to a variable of type 'bool'.

```
if (a = 5) {
```

Code with error	Corrected code
<code>void main() {     int a = 5;     if (a = 5) {         print('Equal');}}</code>	<code>void main() {     int a = 5;     if (a == 5) {         print('Equal');}}</code>

### Error 19: Function Parameter Mismatch

ERROR!

/tmp/gJillxQgpP/main.dart:6:6: Error: Too few positional arguments: 2 required, 1 given.

```
add(5);
```

/tmp/gJillxQgpP/main.dart:1:6: Context: Found this candidate, but the arguments don't match.

```
void add(int a, int b) {
```

Code with error	Corrected code
<code>void add(int a, int b) {     print(a + b);}</code>	<code>void add(int a, int b) {     print(a + b);}</code>

```
void main() {  
    add(5);}
```

```
void main() {  
    add(5,10);}
```

## Error 20: List Index Out of Range (RangeError)

Unhandled exception:

RangeError (length): Invalid value: Not in inclusive range 0..2: 3

```
#0  List.[] (dart:core-patch/growable_array.dart)  
#1  main (file:///tmp/AqxPffx6LW/main.dart:5:13)  
#2  _delayEntrypointInvocation.<anonymous closure> (dart:isolate-patch/isolate_patch.dart:314:19)  
#3  _RawReceivePort._handleMessage (dart:isolate-patch/isolate_patch.dart:193:12)
```

Code with error	Corrected code
<pre>void main() {     var nums = [1, 2, 3];     print(nums[3]);}</pre>	<pre>void main() {     var nums = [1, 2, 3];     print(nums[2]);}</pre>

## Error 21: Incorrect Function Return Type

ERROR!

/tmp/rda6N2E6zP/main.dart:3:10: Error: A value of type 'String' can't be returned from a function with return type 'int'.

```
return '100';
```

Code with error	Corrected code
<pre>int getValue() {     return '100';} void main() {     print(getValue());}</pre>	<pre>int getValue() {     return 100;} void main() {     print(getValue());}</pre>

## Error 22: Null Safety Error While Taking Input

ERROR!

/tmp/dRaIK6cpdw/main.dart:5:23: Error: A value of type 'String?' can't be assigned to a variable of type 'String' because 'String?' is nullable and 'String' isn't.

```
String city = stdin.readLineSync();
```

Code with error	Corrected code
<pre>import 'dart:io'; void main() {   print("Enter your city:");   String city = stdin.readLineSync();   print("City: \$city");}</pre>	<pre>import 'dart:io'; void main() {   print("Enter your city:");   String? city = stdin.readLineSync();   print("City: \$city");}</pre>

## Error 23: Non-Boolean Expression in While Condition

ERROR!

/tmp/6u7RAI96Os/main.dart:3:10: Error: A value of type 'int' can't be assigned to a variable of type 'bool'.

```
while (i) {
```

Code with error	Corrected code
<pre>void main() {   int i = 0;   while (i) {     print(i);     i++;}}</pre>	<pre>void main() {   int i = 0;   while (i &lt; 5) {     print(i);     i++;}}</pre>

## Error 24: Missing Semicolon in do-while Loop

ERROR!

/tmp/fwWdshmsEQ/main.dart:6:17: Error: Expected ';' after this.

```
} while (i < 5)
```

Code with error	Corrected code
<pre>void main() {   int i = 0;   do {     print(i);     i++;   } while (i &lt; 5 ) }</pre>	<pre>void main() {   int i = 0;   do {     print(i);     i++;   } while (i &lt; 5 ); }</pre>

## Error 25 Invalid else-if Syntax

ERROR!

/tmp/AJ0smyVwNd/main.dart:6:15: Error: Expected ')' before this.

```
else (marks > 80) {
```

/tmp/AJ0smyVwNd/main.dart:8:3: Error: Expected ';' after this. }

Code with error	Corrected code
<pre>void main() {   int marks = 80;   if (marks &gt; 90) {     print("A+");   }   else (marks &gt; 80)     print("A");}}</pre>	<pre>void main() {   int marks = 80;   if (marks &gt; 90) {     print("A+");   }   else if (marks &gt; 80) {     print("A");}}</pre>

## Error 26: Duplicate Case Values

/tmp/uF3aB1XyTt/main.dart:7:10: Error: Duplicate case value '1'.

case 1:

Code with error	Corrected code
<pre>void main() {   int num = 1;   switch (num) {     case 1:</pre>	<pre>void main() {   int num = 1;   switch (num) {     case 1:</pre>

```

print("One");
break;
case 1:
print("Duplicate");
break;}}
```

```

print("One");
break;
case 2:
print("Two");
break;}}
```

## Error 27: Missing Default Error

**ERROR!**

/tmp/Lx9aQw3sER/main.dart:3:3: Warning: Switch statement has no default case.

```
switch (grade) {
```

Code with error	Corrected code
<pre> void main() { int grade = 3; switch (grade) { case 1: print("Excellent"); break; case 2: print("Good"); break; }}</pre>	<pre> void main() { int grade = 3; switch (grade) { case 1: print("Excellent"); break; case 2: print("Good"); break; default: print("Invalid grade"); }}</pre>

## Error 28: Incompatible List Data Type

**ERROR!**

/tmp/pLFzpTrePI/main.dart:2:27: Error: A value of type 'String' can't be assigned to a variable of type 'int'.

```
List<int> nums = [1, 2, 'Hi'];
```

Code with error	Corrected code
<pre> void main() { List&lt;int&gt; nums = [1, 2, 'Hi'];</pre>	<pre> void main() { List&lt;int&gt; nums = [1, 2, 3];</pre>

```
print(nums);}
```

```
print(nums);}
```

### Error 29: Missing @override Annotation (Overriding Error)

/tmp/Fb6RqX7yJt/main.dart:10:8: Warning: This method overrides a method annotated as @mustCallSuper in 'Parent', but does not call super.method().

```
void greet() {
```

Code with error	Corrected code
<pre>class Parent {   void greet() {     print("Hello from Parent");}}</pre>	<pre>class Parent {   void greet() {     print("Hello from Parent");}}</pre>
<pre>class Child extends Parent {   void greet() {     print("Hello from Child");}}</pre>	<pre>class Child extends Parent {   @override   void greet() {     super.greet();     print("Hello from Child");}}</pre>
<pre>void main() {   Child c = Child();   c.greet();}</pre>	<pre>void main() {   Child c = Child();   c.greet();}</pre>

### Error 30: Invalid Use of super() Constructor

ERROR!

/tmp/euZFkCS50q/main.dart:8:18: Error: Too few positional arguments: 1 required, 0 given.

```
Child() : super();
```

Code with error	Corrected code
<pre>class Parent {   Parent(String msg) {     print(msg);}}</pre>	<pre>class Parent {   Parent(String msg) {     print(msg);}}</pre>

```
class Child extends Parent {  
    Child() : super(); }
```

```
void main() {  
    Child();}
```

```
class Child extends Parent {  
    Child() : super("Hello from Child"); }
```

```
void main() {  
    Child();}
```