

# Soal Latihan Fundamental Mobile Developer 2

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## Implementasi rumus luas lingkaran pada program Dart

```
import 'dart:io';

const double pi = 3.1415926535897932;

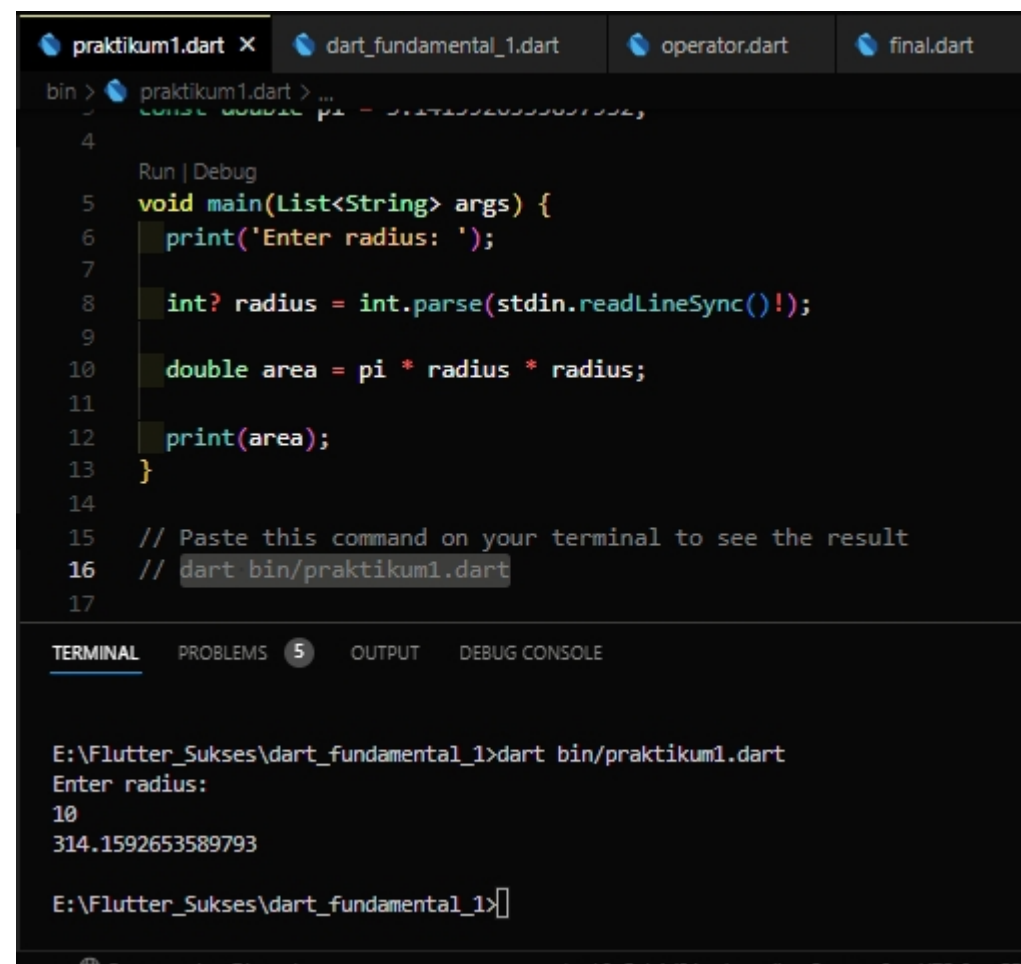
void main(List<String> args) {
  print('Enter radius: ');

  int? radius = int.parse(stdin.readLineSync()!);

  double area = pi * radius * radius;

  print(area);
}

// Paste this command on your terminal to see the result
// dart bin/praktikum1.dart
```



The screenshot shows an IDE with four tabs: `praktikum1.dart`, `dart_fundamental_1.dart`, `operator.dart`, and `final.dart`. The `praktikum1.dart` tab is active, displaying the Dart code for calculating the area of a circle. Below the code editor, the `TERMINAL` tab is selected, showing the command `dart bin/praktikum1.dart` being executed. The terminal output shows the prompt `Enter radius:`, the input `10`, and the calculated area `314.1592653589793`.

```
praktikum1.dart X  dart_fundamental_1.dart  operator.dart  final.dart

bin > praktikum1.dart > ...
const double pi = 3.1415926535897932;
4
Run | Debug
5 void main(List<String> args) {
6   print('Enter radius: ');
7
8   int? radius = int.parse(stdin.readLineSync()!);
9
10  double area = pi * radius * radius;
11
12  print(area);
13 }
14
15 // Paste this command on your terminal to see the result
16 // dart bin/praktikum1.dart
17

TERMINAL  PROBLEMS 5  OUTPUT  DEBUG CONSOLE

E:\Flutter_Sukses\dart_fundamental_1>dart bin/praktikum1.dart
Enter radius:
10
314.1592653589793

E:\Flutter_Sukses\dart_fundamental_1>
```

**Buatlah 3 buah variabel yang berisi string, lalu sambungkan seluruh string tersebut, dan tampilkan pada layar!**

```
void main(List<String> args) {
  const String firstName = 'Norbertus';
  const String middleName = 'Dewa';
  const String lastName = 'Rucci';

  print('$firstName $middleName $lastName');
}

// Paste this command on your terminal to see the result / F5
// dart bin/praktikum2.dart
```

praktikum2.dart x praktikum1.dart dart\_fundamental\_1.dart o

bin > praktikum2.dart > ...  
Run | Debug  
1 void main(List<String> args) {  
2 const String firstName = 'Norbertus';  
3 const String middleName = 'Dewa';  
4 const String lastName = 'Rucci';  
5  
6 print('\$firstName \$middleName \$lastName');  
7 }  
8  
9 // Paste this command on your terminal to see the result  
10 // dart bin/praktikum2.dart

TERMINAL PROBLEMS 5 OUTPUT DEBUG CONSOLE

Filter (e.g. text, !exclude)

Connecting to VM Service at http://127.0.0.1:63042/c-o989N\_84g=/  
Norbertus Dewa Rucci  
Exited

>

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