

# Ass1



The screenshot shows the DartPad web interface. The top bar includes the DartPad logo, a 'Reset' button, a 'local edits' indicator, a 'Samples' dropdown, and icons for undo, redo, and a menu. The code editor contains the following Dart code:

```
1 import 'dart:math';
2 void main(){
3   print (sin(45* pi / 180));
4   print (1 / sqrt (2));
5 }
```

A blue 'Run' button is located to the right of the code. Below the code editor is a 'Naming Data' button. The console on the right displays the output of the program:

```
0.7071067811865475
0.7071067811865475
```

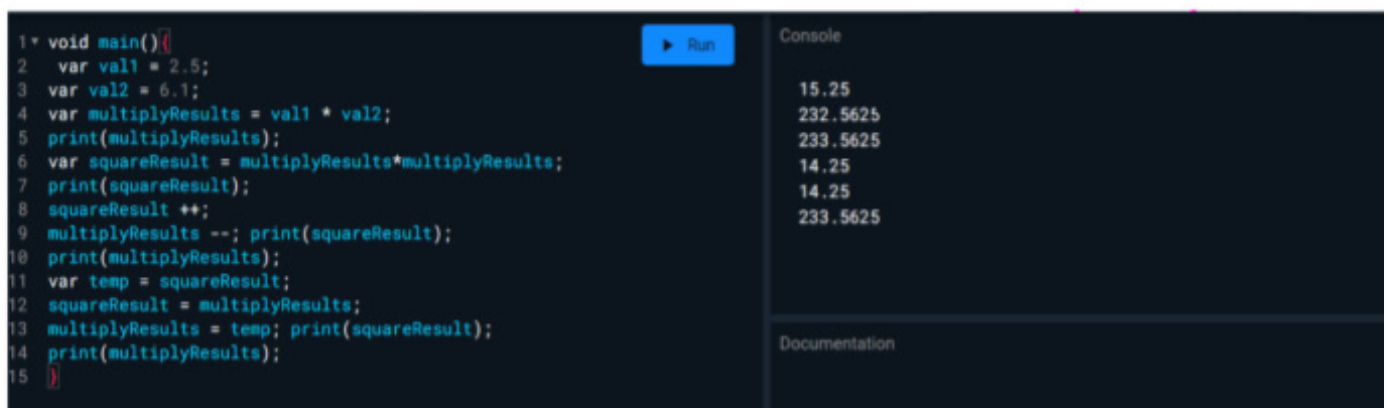


The screenshot shows the DartPad web interface with the following Dart code:

```
1 void main(){
2   const myAge = 21;
3   print(myAge);
4   double averageAge = 21;
5   averageAge = (21 + 22) / 2;
6   print(averageAge);
7   const testNumber = 42;
8   const evenodd = testNumber % 2;
9   print(evenodd);
10 }
```

A blue 'Run' button is located to the right of the code. The console on the right displays the output:

```
21
21.5
0
```



The screenshot shows the DartPad web interface with the following Dart code:

```
1 void main(){
2   var val1 = 2.5;
3   var val2 = 6.1;
4   var multiplyResults = val1 * val2;
5   print(multiplyResults);
6   var squareResult = multiplyResults*multiplyResults;
7   print(squareResult);
8   squareResult ++;
9   multiplyResults --; print(squareResult);
10  print(multiplyResults);
11  var temp = squareResult;
12  squareResult = multiplyResults;
13  multiplyResults = temp; print(squareResult);
14  print(multiplyResults);
15 }
```

A blue 'Run' button is located to the right of the code. The console on the right displays the output:

```
15.25
232.5625
233.5625
14.25
14.25
233.5625
```

Below the console, there is a 'Documentation' button.