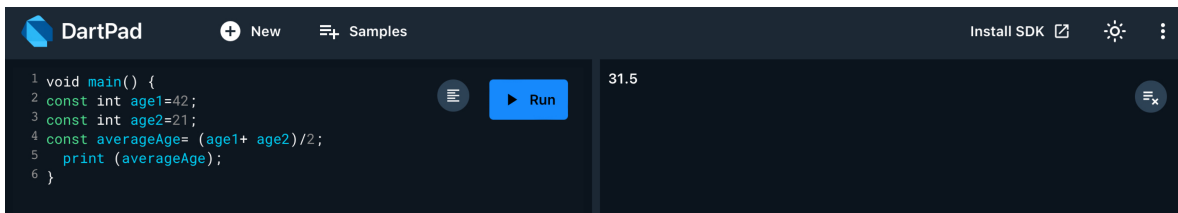


## Ass2

when you perform division in Dart, even if the operands are integers, the result will be a double if it's not a whole number. In this case,  $(age + age2) / 2$  results in 31.5, which is a fractional value. Therefore, `averageAge` is inferred as a double.

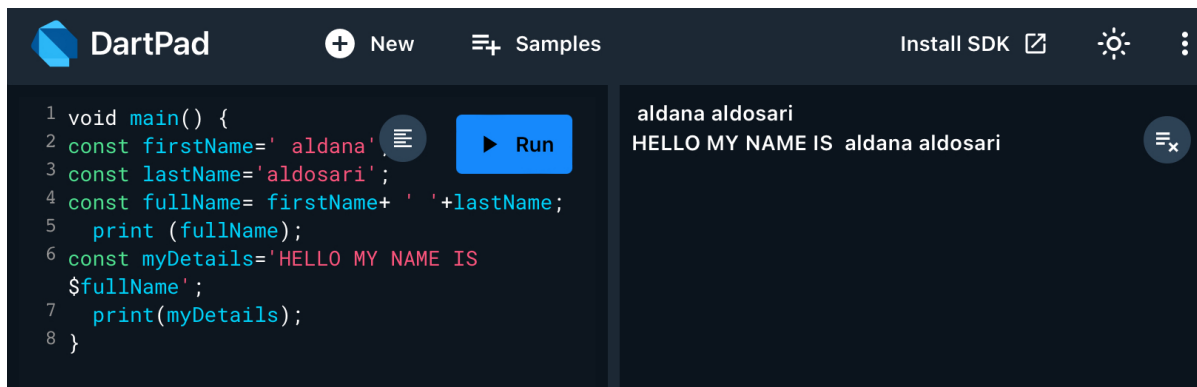
If you want to calculate the average as an integer, you can use integer division (`~/` instead of the division operator)



The screenshot shows the DartPad interface. The code editor on the left contains the following Dart code:

```
1 void main() {  
2   const int age1=42;  
3   const int age2=21;  
4   const averageAge= (age1+ age2)/2;  
5   print (averageAge);  
6 }
```

The output console on the right displays the result: 31.5.

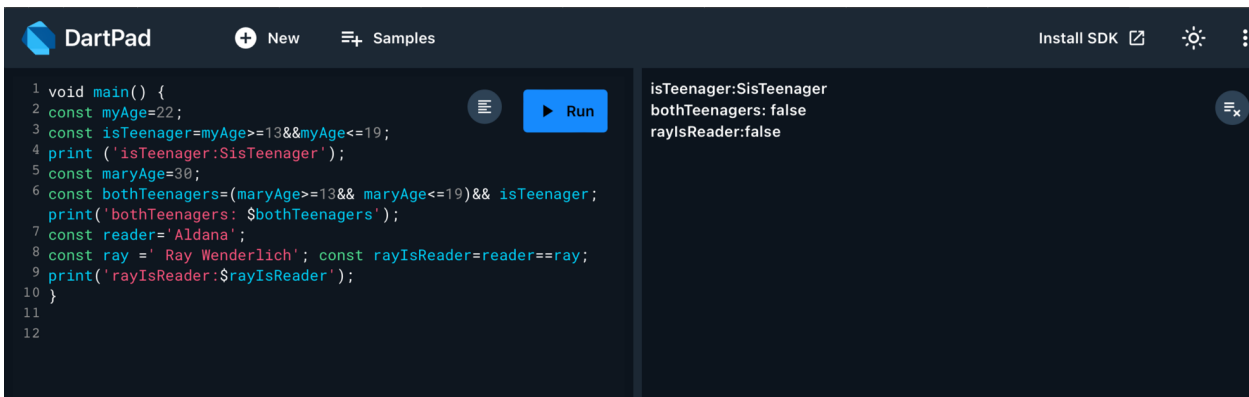


The screenshot shows the DartPad interface. The code editor on the left contains the following Dart code:

```
1 void main() {  
2   const firstName=' aldana';  
3   const lastName='aldosari';  
4   const fullName= firstName+ ' '+lastName;  
5   print (fullName);  
6   const myDetails='HELLO MY NAME IS  
   $fullName';  
7   print(myDetails);  
8 }
```

The output console on the right displays the results of the print statements:

```
aldana aldosari  
HELLO MY NAME IS  aldana aldosari
```



The screenshot shows the DartPad interface. The code editor on the left contains the following Dart code:

```
1 void main() {  
2   const myAge=22;  
3   const isTeenager=myAge>=13&&myAge<=19;  
4   print ('isTeenager:SisTeenager');  
5   const maryAge=30;  
6   const bothTeenagers=(maryAge>=13&& maryAge<=19)&& isTeenager;  
7   print('bothTeenagers: $bothTeenagers');  
8   const reader='Aldana';  
9   const ray = ' Ray Wenderlich'; const rayIsReader=reader==ray;  
10  print('rayIsReader:$rayIsReader');  
11 }  
12
```

The output console on the right displays the results of the print statements:

```
isTeenager:SisTeenager  
bothTeenagers: false  
rayIsReader:false
```

DartPad

New

Samples

```
1 void main() {
2   const int myAge=22; if(myAge>=13 && myAge<=19)
3     print ('Teenager');
4   else {
5     print ('Not Teenager'); }
6 }
```

Run

Not Teenager

DartPad

New

Samples

```
1 void main() {
2   const int myAge=22;
3   String answer=(myAge>=13 && myAge<=19)? 'Teenager' : 'Not
4     Teenager';
5   print (answer);
6 }
```

Run

Not Teenager