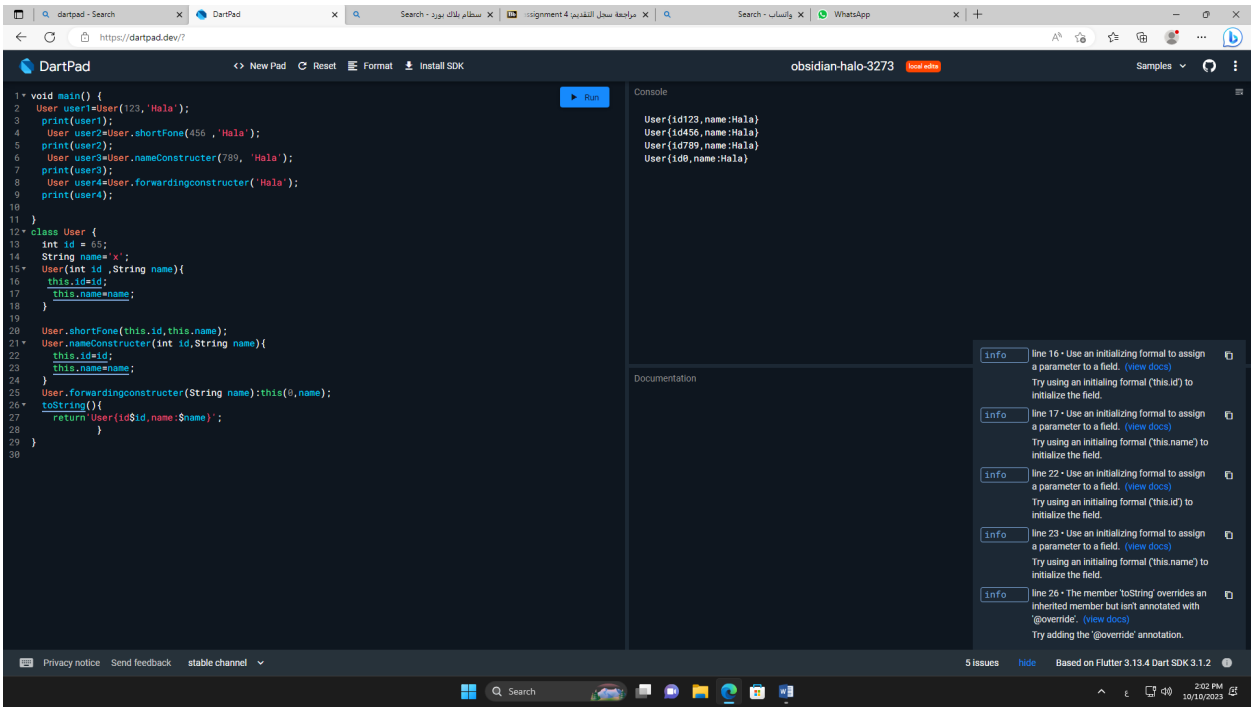
Exercise 1:
Start with the following list of numbers:
```
const numbers = [1, 2, 4, 7];
```
Print the square of each number: 1, 4, 16 and 49.
1. First, use a for loop.
2. Solve the problem again using a for-in loop.

Exercise 2:
1. Create a class named User as follows:

```
class User {
int id = 213;
String name = 'Fatima';
}
```

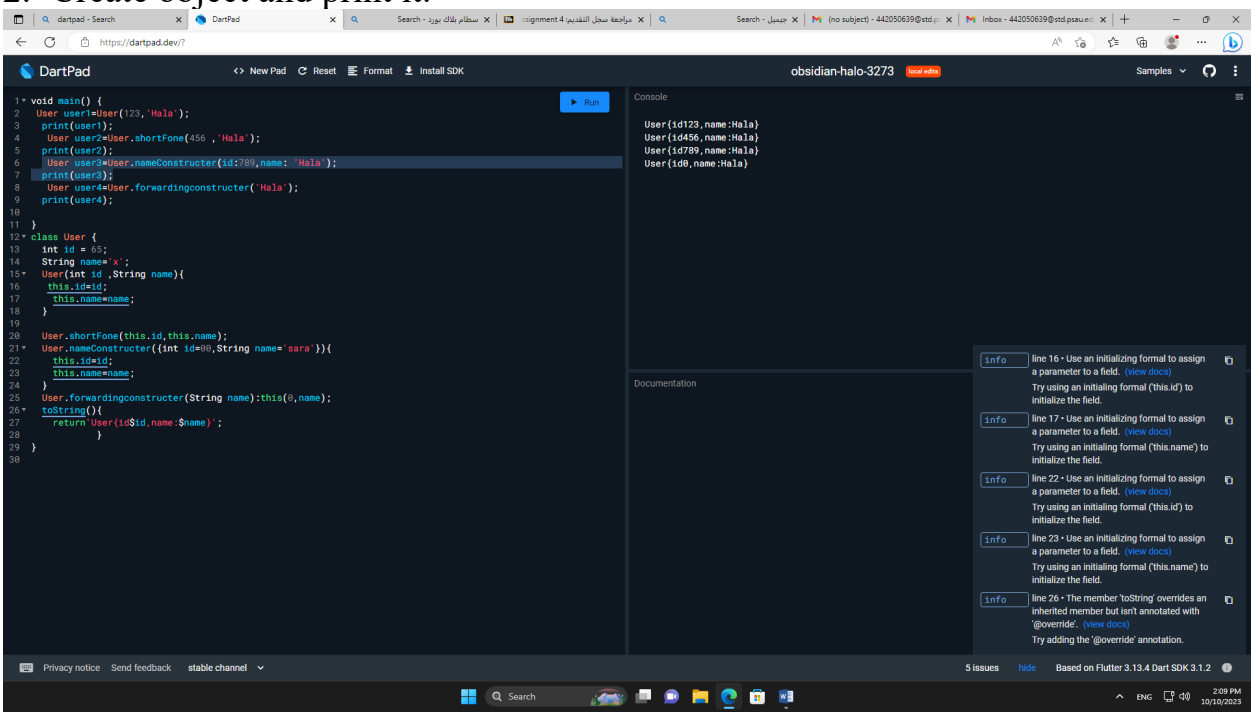
2. Create an object using this class
3. Print the object you created.
4. What will appear in the screen.
5. Define a toString method.
6. Print the object again
7. What will appear in the screen.

Exercise 3:
1. Create a constructor using the long-form, Short-Form, name constructor, and forwarding methods to initialize the id and the name of the user
2. Use the constructors to create an object from the class
8. Define a toString method.
9. Print the object again for each constructor you used



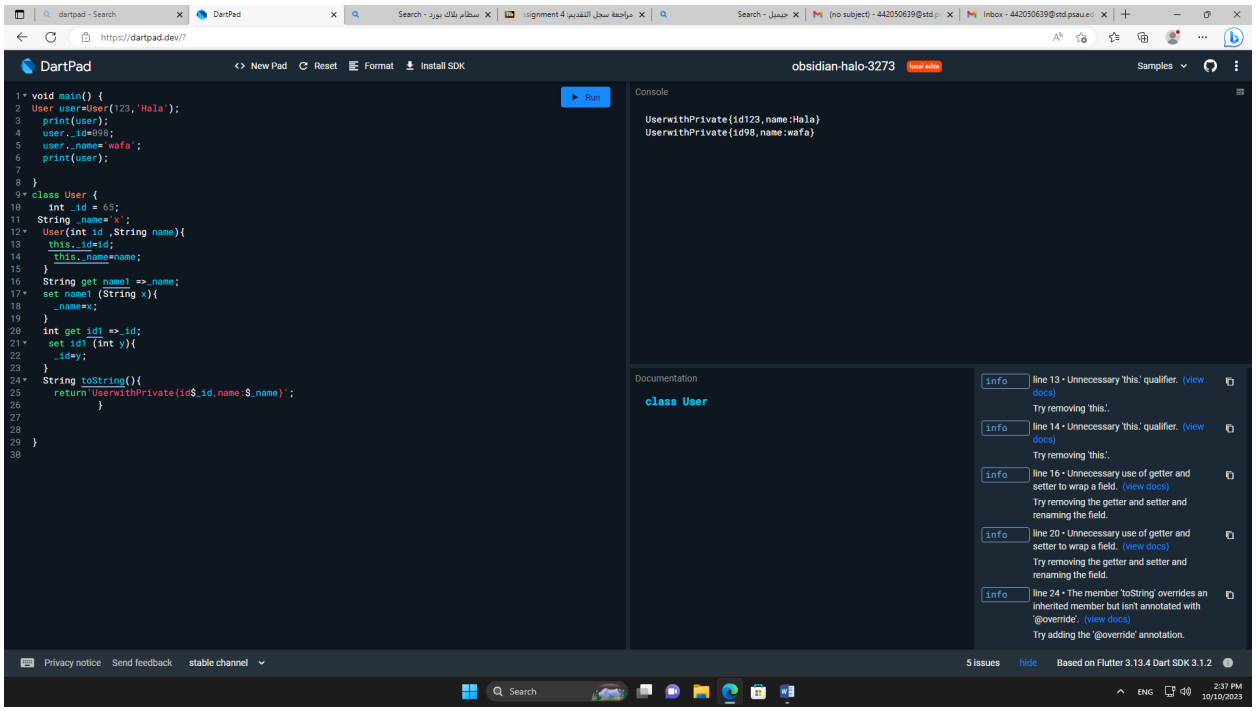
Exercise 4:

1. Define one of the previous constructor with name parameters.
2. Create object and print it.



Exercise 5:

1. Define the previous class with private instance variables
2. Use set and get methods


DartPad
New Pad
Reset
Format
Install SDK
obsidian-halo-3273
local edits
Samples
Run
Console
UserwithPrivate{id123,name:Hala}
UserwithPrivate{id98,name:wafa}
Documentation
class User
info
line 13 • Unnecessary 'this.' qualifier. (view docs)
Try removing 'this.'.
info
line 14 • Unnecessary 'this.' qualifier. (view docs)
Try removing 'this.'.
info
line 16 • Unnecessary use of getter and setter to wrap a field. (view docs)
Try removing the getter and setter and renaming the field.
info
line 20 • Unnecessary use of getter and setter to wrap a field. (view docs)
Try removing the getter and setter and renaming the field.
info
line 24 • The member 'toString' overrides an inherited member but isn't annotated with '@override'. (view docs)
Try adding the '@override' annotation.
Privacy notice
Send feedback
stable channel
5 issues
hide
Based on Flutter 3.13.4 Dart SDK 3.1.2
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