Generated random number
735

Shared preferences number

| Load | Random | Save | Delete |

Generated random number
735

Shared preferences number
735

| Load | Random | Save | Delete |

Generated random number
597

Shared preferences number
173

| Load | Random | Save | Delete |

Code

```dart
import 'dart:math';

import 'package:flutter/material.dart';
import 'package:shared_preferences/shared_preferences.dart';

void main() {
  runApp(MyApp());
}

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: MyHomePage(),
    );
  }
}

Future<int> getSharedPrefsInt() async{
  final prefs = await SharedPreferences.getInstance();
  return prefs.getInt("integerValue");
}

Future removeSharedPrefsInt() async {
  final prefs = await SharedPreferences.getInstance();
  await prefs.remove("integerValue");
}

Future saveSharedPrefsInt(int newInt) async {
  final prefs = await SharedPreferences.getInstance();
  await prefs.setInt("integerValue", newInt);
}

class MyHomePage extends StatefulWidget {
  @override
  _MyHomePageState createState() => _MyHomePageState();
}
class _MyHomePageState extends State<MyHomePage> {
  int randomNumber;

  @override
  void initState() {
    super.initState();
    randomNumber = Random().nextInt(1000);
  }

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      body: SafeArea(
        child: Center(
          child: Column(
```

```dart
          crossAxisAlignment: CrossAxisAlignment.center,
          mainAxisAlignment: MainAxisAlignment.center,
          children: [
            Text("Generated random number", style: TextStyle(fontSize: 28),),
            Text(randomNumber.toString(), style: TextStyle(fontSize: 28),),
            SizedBox(height: 30,),
            Text("Shared preferences number", style: TextStyle(fontSize: 28),),
            FutureBuilder(
              future: getSharedPrefsInt(),
              builder: (context, snapshot){
                if (snapshot.hasData){
                  return Text(snapshot.data.toString(), style:
TextStyle(fontSize: 28),);
                }
                else {
                  if (snapshot.hasError) print(snapshot.error);
                  return SizedBox.shrink();
                }
              },
            ),
            SizedBox(height: 50,),
            Row(
              mainAxisAlignment: MainAxisAlignment.spaceEvenly,
              children: [
                RaisedButton(
                  color: Colors.orange,
                  textColor: Colors.white,
                  child: Text("Load"),
                  onPressed: (){setState(() {});},
                ),
                RaisedButton(
                  color: Colors.green,
                  textColor: Colors.white,
                  child: Text("Random"),
                  onPressed: (){setState(() {randomNumber =
Random().nextInt(1000);});},
                ),
                RaisedButton(
                  color: Colors.blue,
                  textColor: Colors.white,
                  child: Text("Save"),
                  onPressed: () async {
                    await saveSharedPrefsInt(randomNumber);},
                ),
                RaisedButton(
                    color: Colors.red,
                    textColor: Colors.white,
                    child: Text("Delete"),
                    onPressed: () async {
                      await removeSharedPrefsInt();}
                )
              ],
            ),
          ],
        ),
      ),
    ), // This trailing comma makes auto-formatting nicer for build methods.
  );
```

```
    }
}
```