

## user input in dart

**User input In the Dart language** is one of the essential elements that allows the user to interact with the application., user input is handled in a flexible and simple way, whether through command-line interfaces or through Flutter applications that use graphical interfaces

### How to use stdin in the command line:

**Import the library:** First, you need to import the dart:io library, which provides input and output functionalities.

```
import 'dart:io';
```

**Receiving user input:** After importing, you can use stdin.readLineSync() to read user input from the command line

```
void main() {  
    print('Enter your name:');  
    String? name = stdin.readLineSync();  
    print('Hello, $name!');  
}
```

### User Input in Flutter

In Flutter, user input can be received through forms or text fields, which provide flexible interfaces for collecting data.

### How to use TextField in Flutter:

**Setting up TextEditingController:** This object controls the text inside the field

```
TextEditingController controller = TextEditingController();
```

**Using TextField:**

You can add a TextField to the user interface to allow the user to enter text.

```
TextField(  
  controller: controller,  
  decoration: InputDecoration(labelText: 'Enter your name'),  
);
```

**Capturing input:** You can access the entered text using controller.text.

```
String name = controller.text;  
print('Hello, $name!');
```