Theory Exercise

ANS - 1 :

- **Structure**: A form in Flutter is built using the `Form` widget, which contains one or more input fields like `TextFormField`.

- **Purpose**: It helps collect user input (like name, email, etc.) and makes it easier to validate and save the data.

Example:

```
Form(
  key: _formKey,
  child: Column(
    children: [
      TextFormField(),
      ElevatedButton(onPressed: _submitForm, child:
Text('Submit')),
    ],
  ),
)
```

ANS - 2 :

- **Controllers**: `TextEditingController` is used to get or set the value of a text field.

- **Listeners**: You can add a listener to track changes in the input field in real-time.

Example:

```
final nameController = TextEditingController();

@override
void initState() {
  super.initState();
  nameController.addListener(() {
    print(nameController.text); // listens to changes
  });
}
```

ANS - 3 :

```
 validator: (value) {
  if (value == null || value.isEmpty) {
    return 'This field is required';
  }
  return null;
}
```