import 'dart:math';

import 'package:flutter/material.dart';

void main() {

runApp(RandomNumberPicker());

}

class RandomNumberPicker extends StatelessWidget {

@override

Widget build(BuildContext context) {

return MaterialApp(

debugShowCheckedModeBanner: false,

home: RandomNumberScreen(),

);

}

}

class RandomNumberScreen extends StatefulWidget {

@override

\_RandomNumberScreenState createState() => \_RandomNumberScreenState();

}

class \_RandomNumberScreenState extends State<RandomNumberScreen> {

final TextEditingController \_minController = TextEditingController();

final TextEditingController \_maxController = TextEditingController();

int? \_randomNumber;

void \_generateRandomNumber() {

final int? min = int.tryParse(\_minController.text);

final int? max = int.tryParse(\_maxController.text);

if (min != null && max != null && min < max) {

final random = Random();

setState(() {

\_randomNumber = min + random.nextInt(max - min + 1);

});

} else {

setState(() {

\_randomNumber = null;

});

ScaffoldMessenger.of(context).showSnackBar(

SnackBar(

content: Text("Iltimos, to'g'ri diapazon kiriting (min < max)!")),

);

}

}

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(

title: Text('Random Raqam Tanlash'),

centerTitle: true,

),

body: Padding(

padding: const EdgeInsets.all(16.0),

child: Column(

mainAxisAlignment: MainAxisAlignment.center,

children: [

TextField(

controller: \_minController,

keyboardType: TextInputType.number,

decoration: InputDecoration(

labelText: 'Minimum raqam',

border: OutlineInputBorder(),

),

),

SizedBox(height: 16),

TextField(

controller: \_maxController,

keyboardType: TextInputType.number,

decoration: InputDecoration(

labelText: 'Maximum raqam',

border: OutlineInputBorder(),

),

),

SizedBox(height: 20),

ElevatedButton(

onPressed: \_generateRandomNumber,

child: Text('Random raqam yaratish'),

),

SizedBox(height: 20),

if (\_randomNumber != null)

Text(

'Random raqam: $\_randomNumber',

style: TextStyle(fontSize: 24, fontWeight: FontWeight.bold),

),

],

),

),

);

}

}