**Task- 1**

**Aim: Create an app as shown in below image.**

**Program:**

import 'package:flutter/material.dart';

void main() {

runApp(

const toDoList(),

);

}

class toDoList extends StatefulWidget {

const toDoList({Key? key}) : super(key: key);

@override

State<toDoList> createState() => \_toDoListState();

}

int i = 8;

String toDo = 'Hello';

String time = 'AM';

class \_toDoListState extends State<toDoList> {

Map map = {

'$i:00\n$time': toDo,

};

@override

Widget build(BuildContext context) {

return MaterialApp(

debugShowCheckedModeBanner: false,

home: Scaffold(

appBar: AppBar(

title: const Text("To-Do List"),

centerTitle: true,

elevation: 0,

actions: [

Padding(

padding: const EdgeInsets.only(right: 5),

child: InkWell(

onTap: () {

print(map);

},

child: const Icon(Icons.apps),

),

),

],

backgroundColor: Colors.red,

),

body: SingleChildScrollView(

scrollDirection: Axis.vertical,

child: Column(

children: map.entries.map((e) {

return Row(

children: [

Container(

margin: const EdgeInsets.all(8),

height: 60,

width: 60,

decoration: BoxDecoration(

borderRadius: BorderRadius.circular(8),

border: Border.all(

color: Colors.black45,

width: 2,

),

),

alignment: Alignment.center,

child: Column(

mainAxisAlignment: MainAxisAlignment.center,

crossAxisAlignment: CrossAxisAlignment.center,

children: [

Text(

'${e.key}',

style: const TextStyle(

fontWeight: FontWeight.bold,

),

),

],

),

),

Expanded(

child: Container(

margin: const EdgeInsets.only(right: 8),

child: TextField(

onChanged: (text) {

toDo = text;

},

decoration: const InputDecoration(

border: OutlineInputBorder(),

hintText: "Enter Your To-Do Here",

),

),

),

),

],

);

}).toList(),

),

),

floatingActionButton: FloatingActionButton(

onPressed: () {

setState(() {

if (i < 13) {

map['${i++}:00\n$time'] = toDo;

} else {

i = 1;

time = 'PM';

map['${i++}:00\n$time'] = toDo;

}

});

},

backgroundColor: Colors.red,

child: const Icon(

Icons.add,

color: Colors.white,

size: 25,

),

),

),

);

}

void time1() {

if (i < 11) {

map['${i++}:00'] = toDo;

time = 'AM';

} else {

map['${i++}:00'] = toDo;

i = 1;

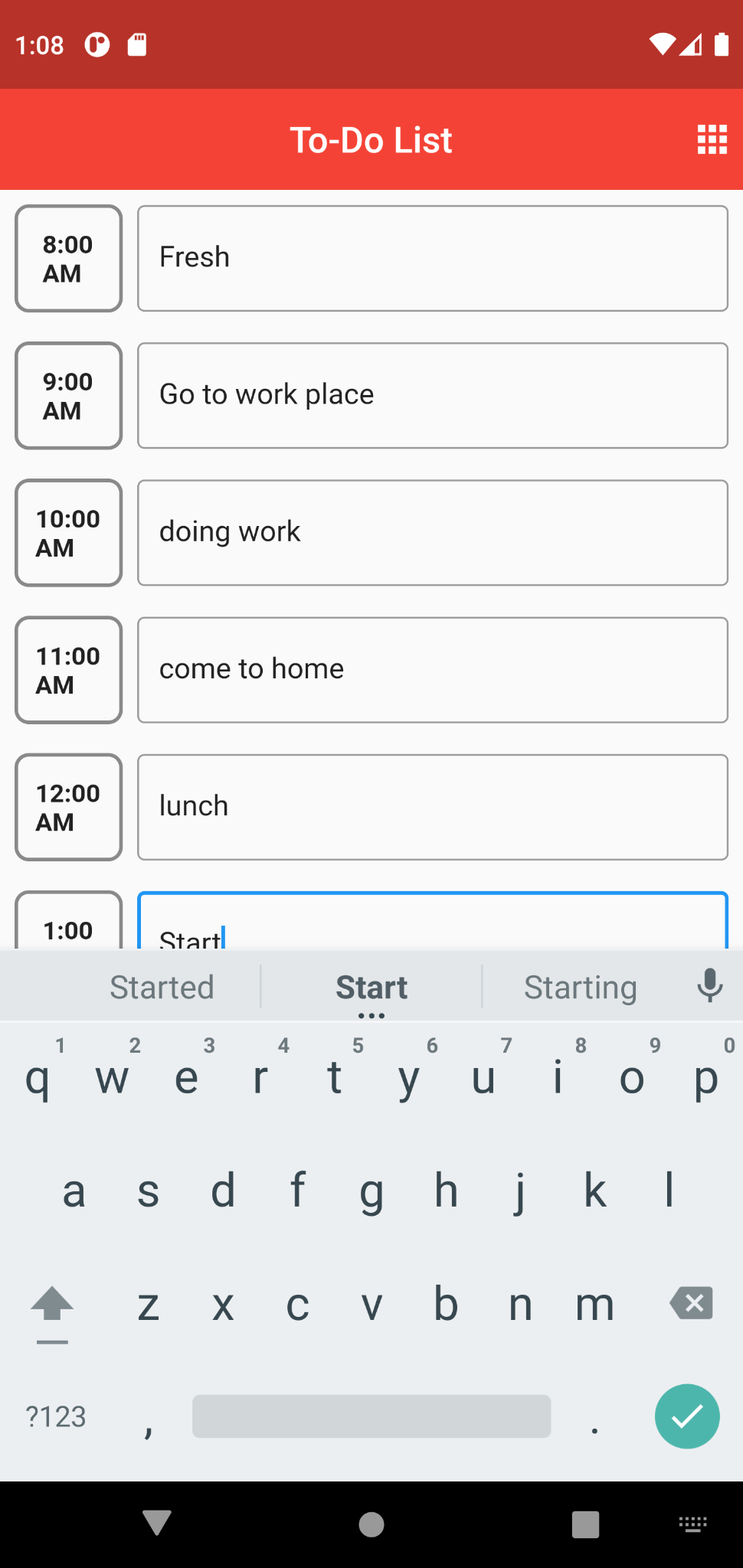
time = 'PM';

}

}

}

**Output:**

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