Sb) Imple11Jent state management using set State and Provider.

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

voidmainO {

runApp( I

ChangeNotifierProvider(·

create: (context) => CounterModelO, child: MyApp(),

),

);

}

class MyApp extends StatelessWidget { @override

Widget build(BuildContext context) { return MaterialApp(

title: 'State Management Example', theme: ThemeData( primarySwatch: Colors.blue,

),

home: CounterPage(),

);

}

}

class CountcrModel extends ChangeNotifier { int\_counter= O;

int get counter=>\_counter; void incrementCounter() {

counter++;

;;otifyListenersO;

}

}

class CounterPage extends StatelessWidget { @override

Widget build(BuildContext context) {

final counterModel = Provider.of<CounterModel>(context);

return Scaffold( appBar: AppBar(

title: Text('State Management Example'),

),

body: Center(