Logo, company name

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**REG NO** 19-NTU-CS-1129

**ASSIGNMENT TITLE**  LAB#8

**SUBMIT DATE** 24-04-2022

**SUBMIT TO** MA’AM AYESHA

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**Task\_1\_2\_3:**

**Code:**

import 'dart:html';

import 'package:flutter/material.dart';

import 'package:geolocator/geolocator.dart';

void main() {

  runApp(const geolocator());

}

class geolocator extends StatefulWidget {

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

  @override

  State<geolocator> createState() => \_geolocatorState();

}

class \_geolocatorState extends State<geolocator> {

  var permissions;

  @override

  void initState() {

    // TODO: implement initState

    super.initState();

    getcurrentposition();

  }

  void getcurrentposition() async {

    permissions = Geolocator.checkPermission();

    if (permissions == LocationPermission.denied) {

      permissions = Geolocator.requestPermission();

      if (permissions == LocationPermission.denied) {

        print("Location can not be accessed");

      }

    }

    Position pos = await Geolocator.getCurrentPosition(

        desiredAccuracy: LocationAccuracy.best);

    print(pos.longitude);

    print(pos.latitude);

  }

  @override

  Widget build(BuildContext context) {

    return MaterialApp(

      home: Scaffold(

        appBar: AppBar(title: Text('Location')),

        body: Column(children: [

          ElevatedButton(

              onPressed: () {

                Navigator.pushNamed(context, '/s2');

              },

              child: Text("Get location"))

        ]),

      ),

    );

  }

}

**Output:**

A screenshot of a computer

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A screenshot of a computer

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**Task\_4:**

**Code:**

import 'package:flutter/material.dart';

void main() {

  runApp(const MaterialApp(home: MyApp()));

}

class MyApp extends StatelessWidget {

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

  @override

  Widget build(BuildContext context) {

    return Scaffold(

      appBar: AppBar(title: Text("First Screen")),

      body: Center(

          child: Column(

        mainAxisAlignment: MainAxisAlignment.center,

        children: [

          ElevatedButton(

            onPressed: () {

              Navigator.push(context,

                  MaterialPageRoute(builder: (context) => const second()));

            },

            child: const Text("Second Screen"),

          )

        ],

      )),

    );

  }

}

class second extends StatelessWidget {

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

  @override

  Widget build(BuildContext context) {

    return Scaffold(

      appBar: AppBar(title: Text("Second Screen")),

      body: Center(

        child: Column(

          mainAxisAlignment: MainAxisAlignment.center,

          children: [

            const Text(

              "Second Screen is  loaded",

              style: TextStyle(

                fontWeight: FontWeight.bold,

                fontSize: 30,

              ),

            ),

            const SizedBox(

              height: 50,

            ),

            ElevatedButton(

              onPressed: () {

                Navigator.pop(context);

              },

              child: const Text("Exit Screen"),

            ),

          ],

        ),

      ),

    );

  }

}

**Output:**

A screenshot of a computer

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