ANDROID APP DEVELOPEMENT

ASSIGNMENT 1

To design simple login screen with 1text as login screen and with 2fields username and password and 1button login

CODE:

package com.Dhatri.jerpackcompose

import android.os.Bundle

import androidx.activity.ComponentActivity

import androidx.activity.compose.setContent

import androidx.compose.foundation.background

import androidx.compose.foundation.layout.Arrangement

import androidx.compose.foundation.layout.Box

import androidx.compose.foundation.layout.Column

import androidx.compose.foundation.layout.Spacer

import androidx.compose.foundation.layout.fillMaxSize

import androidx.compose.foundation.layout.height

import androidx.compose.foundation.layout.padding

import androidx.compose.foundation.layout.size

import androidx.compose.foundation.layout.width

import androidx.compose.foundation.text.BasicTextField

import androidx.compose.material3.Button

import androidx.compose.material3.ExperimentalMaterial3Api

import androidx.compose.material3.MaterialTheme

```kotlin
import androidx.compose.material3.OutlinedTextField

import androidx.compose.material3.Surface

import androidx.compose.material3.Text

import androidx.compose.runtime.Composable

import androidx.compose.runtime.getValue

import androidx.compose.runtime.mutableStateOf

import androidx.compose.runtime.remember

import androidx.compose.runtime.setValue

import androidx.compose.ui.Alignment

import androidx.compose.ui.Modifier

import androidx.compose.ui.graphics.Color

import androidx.compose.ui.tooling.preview.Preview

import androidx.compose.ui.unit.dp

import androidx.compose.ui.unit.sp

import com.varsha.jerpackcompose.ui.theme.JerpackcomposeTheme


@ExperimentalMaterial3Api

class MainActivity : ComponentActivity() {

    @ExperimentalMaterial3Api

    @OptIn(ExperimentalMaterial3Api::class)

    override fun onCreate(savedInstanceState: Bundle?) {

        super.onCreate(savedInstanceState)

        setContent {

            JerpackcomposeTheme {

                var name by remember {

                    mutableStateOf("EMAIL")
```

```kotlin
    }
    var password by remember {
        mutableStateOf("Password")
    }
    Column(
        modifier = Modifier.fillMaxSize(),
        verticalArrangement = Arrangement.Center,
        horizontalAlignment = Alignment.CenterHorizontally



    ){
        Text(text = "Login",
        fontSize = 45.sp,
            color = Color.DarkGray
        )
        Spacer(modifier = Modifier.height(20.dp))
        OutlinedTextField(value = name , onValueChange ={
            text->
            name=text
    } )
        OutlinedTextField(value = password , onValueChange ={
            text->
            password=text
        } )

        Button(onClick={
```

```
                })){
                    Text(text="Submit")


                }


            }


        }

    }

}
```

LINK:

C:\Users\DHATRI
LEKKALA\AndroidStudioProjects\myapp30\myactivityKtfile_Dhatri