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| **학번 : 202114226, 이름 : 송재현** |
| **2024년 03주차 실습 체크 리스트** |
| |  |  | | --- | --- | | **실습 1** | **완성** | |
| **실습 1 : 화면 디자인 변경하기** |
| **소스코드** |
| **실행결과** |
| package com.example.week03c  import android.os.Bundle import androidx.activity.ComponentActivity import androidx.activity.compose.setContent import androidx.compose.foundation.layout.Arrangement import androidx.compose.foundation.layout.Column import androidx.compose.foundation.layout.Row import androidx.compose.foundation.layout.Spacer import androidx.compose.foundation.layout.fillMaxSize import androidx.compose.foundation.layout.padding import androidx.compose.foundation.layout.width import androidx.compose.foundation.text.KeyboardActions import androidx.compose.foundation.text.KeyboardOptions import androidx.compose.material.icons.Icons import androidx.compose.material.icons.filled.*Money* import androidx.compose.material.icons.filled.*Percent* import androidx.compose.material3.Icon import androidx.compose.material3.MaterialTheme import androidx.compose.material3.Surface import androidx.compose.material3.Switch import androidx.compose.material3.Text import androidx.compose.material3.TextField import androidx.compose.runtime.Composable import androidx.compose.runtime.getValue import androidx.compose.runtime.mutableStateOf import androidx.compose.runtime.saveable.rememberSaveable 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.platform.*LocalSoftwareKeyboardController* import androidx.compose.ui.res.stringResource import androidx.compose.ui.text.font.FontFamily import androidx.compose.ui.text.font.FontStyle import androidx.compose.ui.text.font.FontWeight import androidx.compose.ui.text.input.ImeAction import androidx.compose.ui.unit.dp import androidx.compose.ui.unit.sp import com.example.week03c.ui.theme.Week03CTheme  class MainActivity : ComponentActivity() {  override fun onCreate(savedInstanceState: Bundle?) {  super.onCreate(savedInstanceState)  *setContent* **{** Week03CTheme **{** *// A surface container using the 'background' color from the theme* Surface(  modifier = Modifier.*fillMaxSize*(), color = MaterialTheme.colorScheme.background  ) **{** MainScreen()  **}  }  }** } }  @Composable fun MainScreen() {  Column(  modifier = Modifier.*padding*(horizontal = 40.*dp*),  verticalArrangement = Arrangement.Center  ) **{** Text(  text = stringResource(id = R.string.*calculate\_tip*),  modifier = Modifier.*padding*(bottom = 16.*dp*),  fontSize = 30.*sp*,  color = Color.Blue,  fontStyle = FontStyle.Italic,  fontWeight = FontWeight.Bold   )   var billAmount by rememberSaveable **{** *mutableStateOf*("") **}** val keyboardController = *LocalSoftwareKeyboardController*.current  TextField(value = "",  onValueChange = **{}**,  modifier = Modifier.*padding*(bottom = 32.*dp*),  label = **{** Text(  text = stringResource(id = R.string.*bill\_amount*),  fontWeight = FontWeight.Bold,  fontFamily = FontFamily.Serif    )  **}**,  keyboardOptions = KeyboardOptions(imeAction = ImeAction.Next),  leadingIcon = **{** Icon(  imageVector = Icons.Default.*Money*,  contentDescription = null  )  **}** )  var text by rememberSaveable **{** *mutableStateOf*("") **}** TextField(value = "",  onValueChange = **{}**,  modifier = Modifier.*padding*(bottom = 32.*dp*),  label = **{** Text(  text = stringResource(id = R.string.*how\_was\_the\_service*),  fontWeight = FontWeight.Bold  )  **}**,  keyboardOptions = KeyboardOptions(imeAction = ImeAction.Done),  keyboardActions = KeyboardActions(  onDone = **{** keyboardController?.hide() **}** ),  leadingIcon = **{** Icon(  imageVector = Icons.Default.*Percent*,  contentDescription = null  )  **}** )  Row(  modifier = Modifier.*padding*(bottom = 32.*dp*, start = 10.*dp*),  verticalAlignment = Alignment.CenterVertically  ) **{** Text(  text = stringResource(id = R.string.*round\_up\_tip*),  fontWeight = FontWeight.Bold,  color = Color.Blue,   )  Spacer(modifier = Modifier.*width*(100.*dp*))  Switch(checked = false, onCheckedChange = null)  **}** Text(  text = stringResource(id = R.string.*tip\_amount*, "$0.00"),  style = MaterialTheme.typography.headlineMedium  )  *//TextFieldWithHideKeyboardOnImeAction()* Text(text = "202114226 송재현")  **}** }    Bill Amount에서  이 아이콘을 클릭하면 Tip Percentage로 넘어갑니다.  Tip Percentage로 넘어간 후 이 아이콘을 클릭하면 다음 사진과 같이 키보드가 숨겨집니다. |