



ASSGINMENT

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```
package com.example.artspace  
  
import android.os.Bundle  
  
import androidx.activity.ComponentActivity  
  
import androidx.activity.compose.setContent  
  
import androidx.compose.foundation.Image  
  
import androidx.compose.foundation.background  
  
import androidx.compose.foundation.layout.Arrangement  
  
import androidx.compose.foundation.layout.Column  
  
import androidx.compose.foundation.layout.PaddingValues  
  
import androidx.compose.foundation.layout.Row  
  
import androidx.compose.foundation.layout.Spacer
```

```
//import androidx.compose.foundation.layout.aspectRatio
//import androidx.compose.foundation.layout.defaultMinSize
import androidx.compose.foundation.layout.fillMaxHeight
import androidx.compose.foundation.layout.fillMaxSize
import androidx.compose.foundation.layout.fillMaxWidth
import androidx.compose.foundation.layout.height
import androidx.compose.foundation.layout.padding
import androidx.compose.foundation.layout.width
import androidx.compose.foundation.shape.RoundedCornerShape
import androidx.compose.material3.Button
import androidx.compose.material3.ButtonDefaults
import androidx.compose.material3.MaterialTheme
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.draw.clip
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.layout.ContentScale
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.text.style.TextAlign
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.dp
```

```

import androidx.compose.ui.unit.sp
import com.example.artspace.ui.theme.ArtSpaceTheme
import com.example.artspace.ui.theme.Poppins

class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            ArtSpaceTheme {
                // A surface container using the 'background' color from the theme
                Surface(
                    modifier = Modifier
                        .fillMaxSize()
                        .background(color = Color(15, 17, 30)),
                    color = MaterialTheme.colorScheme.background
                ) {
                    //Greeting("Android")
                    Artwork()
                }
            }
        }
    }
}

@Composable
fun Artwork() {
    var currentImage by remember {
        mutableStateOf(1)
    }

    val image =
        if(currentImage in 1..4)

```

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when (currentImage) {
    1 -> R.drawable.img1
    2 -> R.drawable.img2
    3 -> R.drawable.img3
    4 -> R.drawable.img4
    else -> {
        R.drawable.img1
    }
} else TODO()

val label =
    if(currentImage in 1..4)
        when (currentImage) {
            1 -> "Cyber Monkey"
            2 -> "Ethnic Fashionista"
            3 -> "The Kingpin"
            4 -> "Opti Monk"
            else -> {
                "Cyber Monkey"
            }
        }
    } else TODO()

Column(verticalArrangement = Arrangement.SpaceAround,
    horizontalAlignment = Alignment.CenterHorizontally,
    modifier = Modifier
        .background(color = Color(15, 17, 30))
        .fillMaxWidth()
        .fillMaxHeight()
        .padding(28.dp)
)
{

```

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Text(
    text = "NFT Marketplace",
    fontFamily = Poppins,
    fontWeight = FontWeight.Bold,
    fontSize = 36.sp,
    textAlign = TextAlign.Center,
    color = Color(255,255,255),
)
Column(
    horizontalAlignment = Alignment.CenterHorizontally,
    modifier = Modifier
        .fillMaxWidth()
) {
    Image(
        painter = painterResource(id = image),
        contentDescription = "NFT-Image",
        contentScale = ContentScale.Fit,
        modifier = Modifier
            .height(325.dp)
            .fillMaxWidth()
            .clip(RoundedCornerShape(28.dp))
    )
    Spacer(modifier = Modifier.height(16.dp))
    Column(horizontalAlignment = Alignment.CenterHorizontally,
        modifier = Modifier
            .background(color = Color(33, 36, 54), shape = RoundedCornerShape(20.dp))
            .fillMaxWidth()
            .padding(16.dp)
    ) {

```

```

Text(
  text = label,
  fontFamily = Poppins,
  fontSize = 24.sp,
  textAlign = TextAlign.Center,
  color = Color(255,255,255),)
Text(
  text = "abdulrehman",
  fontFamily = Poppins,
  fontSize = 16.sp,
  textAlign = TextAlign.Center,
  color = Color(160,160,160),)
}
}
Row(modifier = Modifier
  .fillMaxWidth(),
  horizontalArrangement = Arrangement.SpaceEvenly
){
  Button(
    onClick = { if (currentImage>1){currentImage -= 1}else{currentImage=4} },
    colors = ButtonDefaults.buttonColors(containerColor = Color(66,31,255)),
    contentPadding = PaddingValues(20.dp),
    modifier = Modifier
      .weight(1f, fill = false)
      .fillMaxWidth()
  ){
    Text(
      text = "Previous",
      fontFamily = Poppins,

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        fontSize = 18.sp
    )
}
Spacer(modifier = Modifier.width(16.dp))
Button(
    onClick = { if (currentImage<4){currentImage += 1}else{currentImage=1} },
    colors = ButtonDefaults.buttonColors(containerColor = Color(66,31,255)),
    contentPadding = PaddingValues(20.dp),
    modifier = Modifier
        .weight(1f, fill = false)
        .fillMaxWidth()
    ){
    Text(
        text = "Next",
        fontFamily = Poppins,
        fontSize = 18.sp
    )
}
}
}
}
}

@Preview(showBackground = true)
@Composable
fun GreetingPreview() {
    ArtSpaceTheme {
        Artwork()
    }
}
}

```