ATIVIDADE DS11 AG2 FRANCISLEY FERNANDES DE SOUZA

CLASSE PRINCIPAL

package com.example.conversor;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
  
public class MainActivity extends AppCompatActivity {  
 public static int *validador* = 0;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
  
 Button btnKmM\_Prog = (Button)findViewById(R.id.*btnKmM*);  
 btnKmM\_Prog.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent( MainActivity.this,kmm.class);  
 *validador* = 1;  
 startActivity(intent);  
  
 }  
 });  
 Button btnMKm\_Prog = (Button)findViewById(R.id.*btnMKm*);  
 btnMKm\_Prog.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent( MainActivity.this, kmm.class);  
 *validador* = 2;  
 startActivity(intent);  
 }  
 });  
 Button btnMcm\_Prog = (Button)findViewById(R.id.*btnMCm*);  
 btnMcm\_Prog.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent( MainActivity.this, kmm.class);  
 *validador* = 3;  
 startActivity(intent);  
 }  
 });  
 Button btnCmM\_Prog = (Button)findViewById(R.id.*btnCmM*);  
 btnCmM\_Prog.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent( MainActivity.this, kmm.class);  
 *validador* = 4;  
 startActivity(intent);  
 }  
 });  
  
  
 }  
}

ACTIVITY SPLASH

package com.example.conversor;  
  
import androidx.appcompat.app.AppCompatActivity;  
import android.content.Intent;  
import android.os.Bundle;  
import android.os.Handler;  
import android.view.WindowManager;  
  
public class Splash extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_splash*);  
 getSupportActionBar().hide();  
 getWindow().setFlags(WindowManager.LayoutParams.*FLAG\_FULLSCREEN*,WindowManager.LayoutParams.*FLAG\_FULLSCREEN*);  
  
 new Handler().postDelayed(new Runnable() {  
 @Override  
 public void run() {  
 mostrarMainActivity();  
 }  
 },4000);  
 }  
 private void mostrarMainActivity(){  
 Intent intent = new Intent(Splash.this, MainActivity.class);  
 startActivity(intent);  
 finish();  
 }  
}

CLASSE KMM

package com.example.conversor;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
  
public class kmm extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_kmm*);  
  
 final EditText edtKm\_Prog = (EditText)findViewById(R.id.*edtKm*);  
 final EditText edtM\_Prog = (EditText)findViewById(R.id.*edtM*);  
 edtKm\_Prog.requestFocus();  
 Button btnConverter\_Prog = (Button)findViewById(R.id.*btnConverter*);  
 Button btnNovo\_Prog = (Button)findViewById(R.id.*btnNovo*);  
  
 btnConverter\_Prog.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 double valor = Double.*parseDouble*(edtKm\_Prog.getText().toString());  
 if (MainActivity.*validador* == 1) {  
 double resultado = valor \* 1000;  
 //calcula o valor de km em metros  
 edtM\_Prog.setText(String.*valueOf*(resultado));  
 }  
 else if (MainActivity.*validador* == 2){  
 //calcula o valor de metros em kg  
 double resultado = valor / 1000;  
 edtM\_Prog.setText(String.*valueOf*(resultado));  
 }  
 else if (MainActivity.*validador* == 3) {  
 //calcula o valor de metro em centimetros  
 double resultado = valor \* 100;  
 edtM\_Prog.setText(String.*valueOf*(resultado));  
 }  
 else if (MainActivity.*validador* == 4) {  
 //calcula o valor de centimetros em metros  
 double resultado = valor / 100;  
 edtM\_Prog.setText(String.*valueOf*(resultado));  
 }  
  
 }  
 });  
 btnNovo\_Prog.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 edtM\_Prog.setText(""); // deixa os espaços dos campos em branco  
 edtKm\_Prog.setText("");  
 edtKm\_Prog.requestFocus(); // coloca o cursor sobre o primeiro campo  
 }  
 });  
 Button btnVoltar\_prog = (Button)findViewById(R.id.*btnVoltar*);  
 btnVoltar\_prog.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(kmm.this,MainActivity.class);  
 startActivity(intent);  
 }  
 });  
  
  
  
 }  
}