*package com.example.myapplication;  
  
import androidx.annotation.NonNull;  
import androidx.annotation.Nullable;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.graphics.Bitmap;  
import android.net.Uri;  
import android.os.Bundle;  
import android.provider.MediaStore;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.ImageView;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.google.android.gms.tasks.OnFailureListener;  
import com.google.android.gms.tasks.OnSuccessListener;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseError;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.database.ValueEventListener;  
import com.google.firebase.storage.FirebaseStorage;  
import com.google.firebase.storage.StorageReference;  
import com.google.firebase.storage.UploadTask;  
import com.squareup.picasso.Picasso;  
  
import java.io.IOException;  
  
public class changeprofile extends AppCompatActivity {  
 private ImageView imageView;  
 private EditText name2, phonenumber2;  
 private TextView email2;  
 private Button profilepicupdate, updatedetails;  
 private FirebaseAuth firebaseAuth;  
 private FirebaseDatabase firebaseDatabase;  
 private DatabaseReference databaseReference;  
 FirebaseStorage firebaseStorage;  
 private StorageReference storageReference;  
 public static int PICK\_Image = 143;  
 Uri imagepath;  
 private int count = 0;  
  
 @Override  
 protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {  
 if (requestCode == PICK\_Image && resultCode == RESULT\_OK && data.getData() != null) {  
 imagepath = data.getData();  
 try {  
 Bitmap bitmap = MediaStore.Images.Media.getBitmap(getContentResolver(), imagepath);  
 imageView.setImageBitmap(bitmap);  
 senduserimage();  
 } catch (IOException e) {  
 e.printStackTrace();  
 }  
 }  
 super.onActivityResult(requestCode, resultCode, data);  
 }  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_changeprofile);  
 imageView = findViewById(R.id.userupdateprofilepic);  
  
 name2 = (EditText) findViewById(R.id.update\_name);  
 phonenumber2 = (EditText) findViewById(R.id.update\_phonenumber);  
 email2 = (TextView) findViewById(R.id.email);  
 firebaseAuth = FirebaseAuth.getInstance();  
 firebaseStorage = FirebaseStorage.getInstance();  
 storageReference = firebaseStorage.getReference();  
 storageReference.child(firebaseAuth.getUid()).child("Images").child("Profile pic").getDownloadUrl().addOnSuccessListener(new OnSuccessListener<Uri>() {  
 @Override  
 public void onSuccess(Uri uri) {  
 Picasso.get().load(uri).fit().centerCrop().into(imageView);  
  
 }  
 });  
  
 firebaseDatabase = FirebaseDatabase.getInstance();  
 databaseReference = firebaseDatabase.getReference(firebaseAuth.getUid());  
 try {  
  
 databaseReference.addValueEventListener(new ValueEventListener() {  
 @Override  
 public void onDataChange(@NonNull DataSnapshot dataSnapshot) {  
 item itemob = dataSnapshot.getValue(item.class);  
 name2.setText(itemob.getName());  
 phonenumber2.setText(itemob.getContact());  
  
 }  
  
 @Override  
 public void onCancelled(@NonNull DatabaseError databaseError) {  
 Toast.makeText(changeprofile.this, databaseError.getCode(), Toast.LENGTH\_SHORT).show();  
 }  
 });  
 } catch (Exception e) {  
 e.printStackTrace();  
 }  
  
 updatedetails = (Button) findViewById(R.id.update\_details);  
 updatedetails.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 String upname = name2.getText().toString();  
 String Upphonenumber = phonenumber2.getText().toString();  
 String upemail = email2.getText().toString();  
 item it = new item(upname,Upphonenumber,upemail);  
 databaseReference.setValue(it);  
 finish();  
 }  
 });  
  
  
  
 firebaseAuth = FirebaseAuth.getInstance();  
 firebaseStorage = FirebaseStorage.getInstance();  
 storageReference = firebaseStorage.getReference();  
  
  
 firebaseDatabase = FirebaseDatabase.getInstance();  
  
 profilepicupdate = (Button) findViewById(R.id.profilepic\_update\_button);  
 profilepicupdate.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 if (count ==0)  
 {  
 Intent intent = new Intent();  
 intent.setType("image/\*");  
 intent.setAction(intent.ACTION\_GET\_CONTENT);  
 startActivityForResult(Intent.createChooser(intent, "Select an Image"), PICK\_Image);  
 count = count+1;  
 }  
 else  
 {  
 StorageReference imagereference = storageReference.child(firebaseAuth.getUid()).child("Images").child("Profile pic");  
 UploadTask uploadTask = imagereference.putFile(imagepath);  
 uploadTask.addOnFailureListener(new OnFailureListener() {  
 @Override  
 public void onFailure(@NonNull Exception e) {  
 Toast.makeText(changeprofile.this, "Failed Uploading an Image", Toast.LENGTH\_SHORT).show();  
 }  
 });  
 uploadTask.addOnSuccessListener(new OnSuccessListener<UploadTask.TaskSnapshot>() {  
 @Override  
 public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {  
 Toast.makeText(changeprofile.this, "Image Uploaded", Toast.LENGTH\_SHORT).show();  
 }  
 });  
 }  
 }  
 });  
  
 }  
  
 public void senduserimage() {  
 StorageReference imagereference = storageReference.child(firebaseAuth.getUid()).child("Images").child("Profile pic");  
 UploadTask uploadTask = imagereference.putFile(imagepath);  
 uploadTask.addOnFailureListener(new OnFailureListener() {  
 @Override  
 public void onFailure(@NonNull Exception e) {  
 Toast.makeText(changeprofile.this, "Failed Uploading an Image", Toast.LENGTH\_SHORT).show();  
 }  
 });  
 uploadTask.addOnSuccessListener(new OnSuccessListener<UploadTask.TaskSnapshot>() {  
 @Override  
 public void onSuccess(UploadTask.TaskSnapshot taskSnapshot) {  
 Toast.makeText(changeprofile.this, "Image Uploaded", Toast.LENGTH\_SHORT).show();  
 }  
 });  
 }  
  
}*