DOKUMENTASI PRAKTIKUM MODUL 04
PEMOGRAMAN APLIKASI BERGERAK

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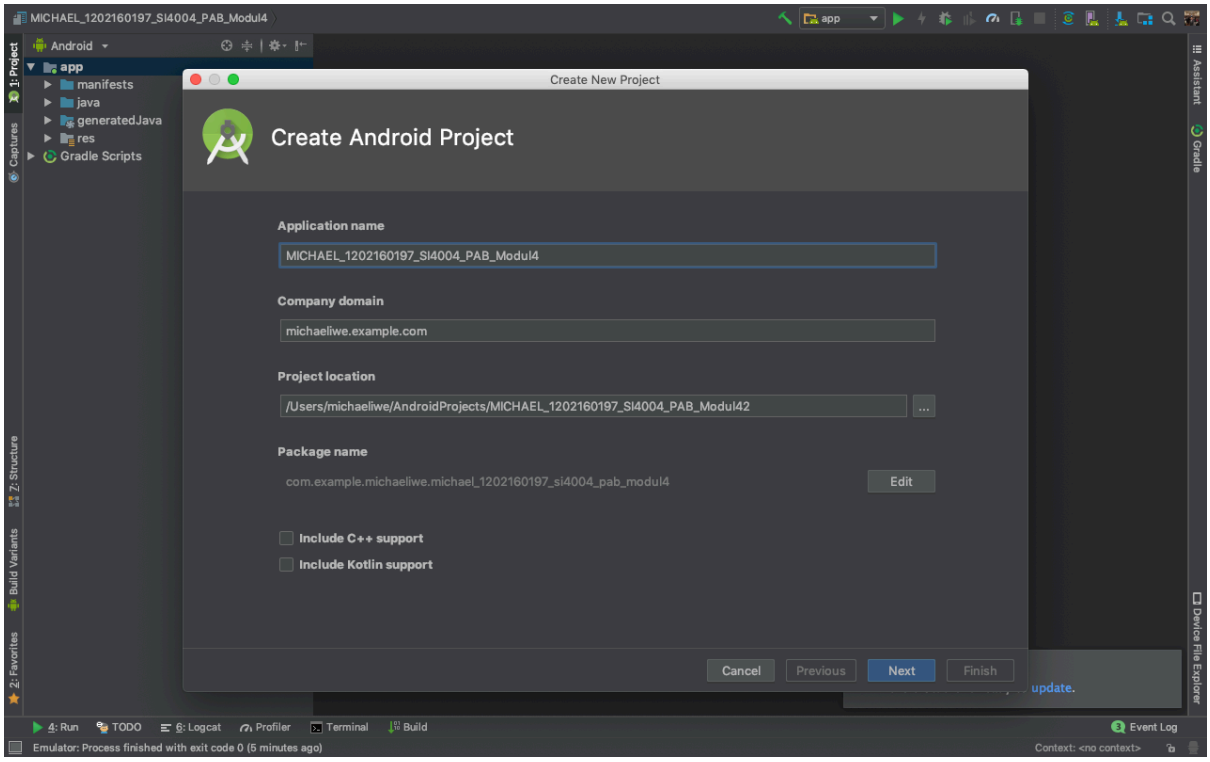
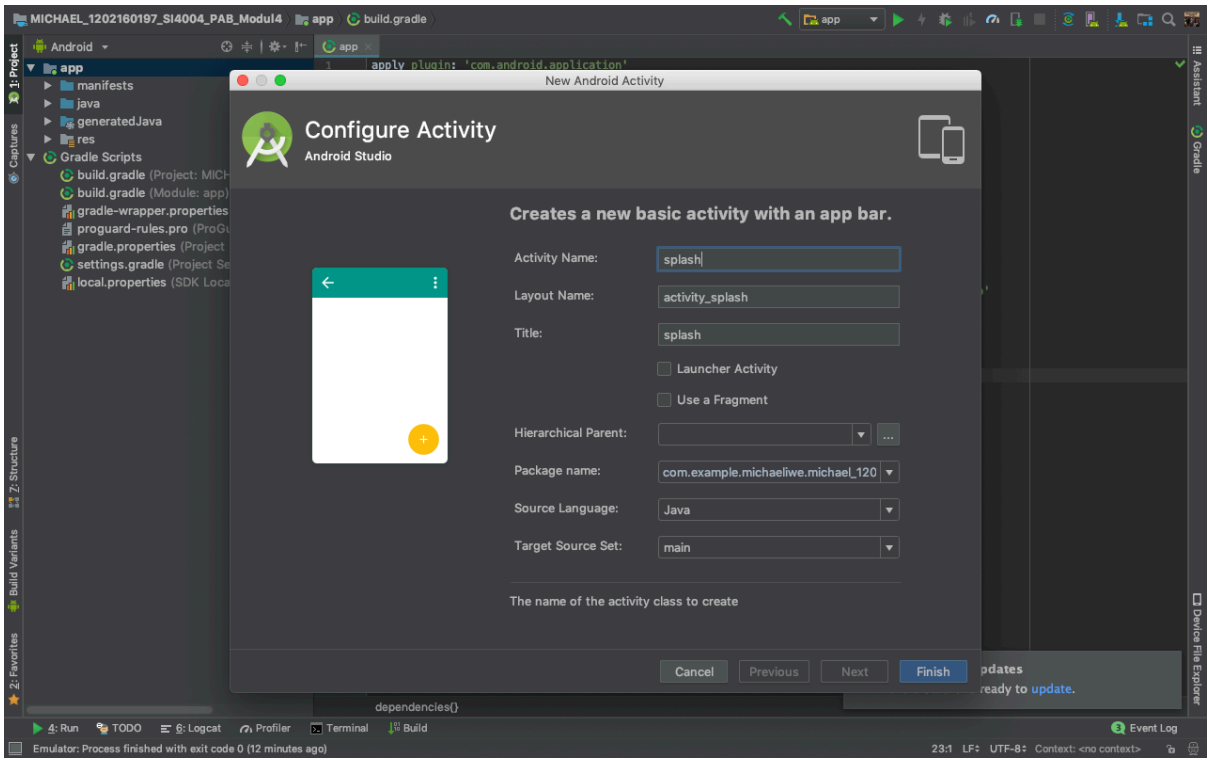
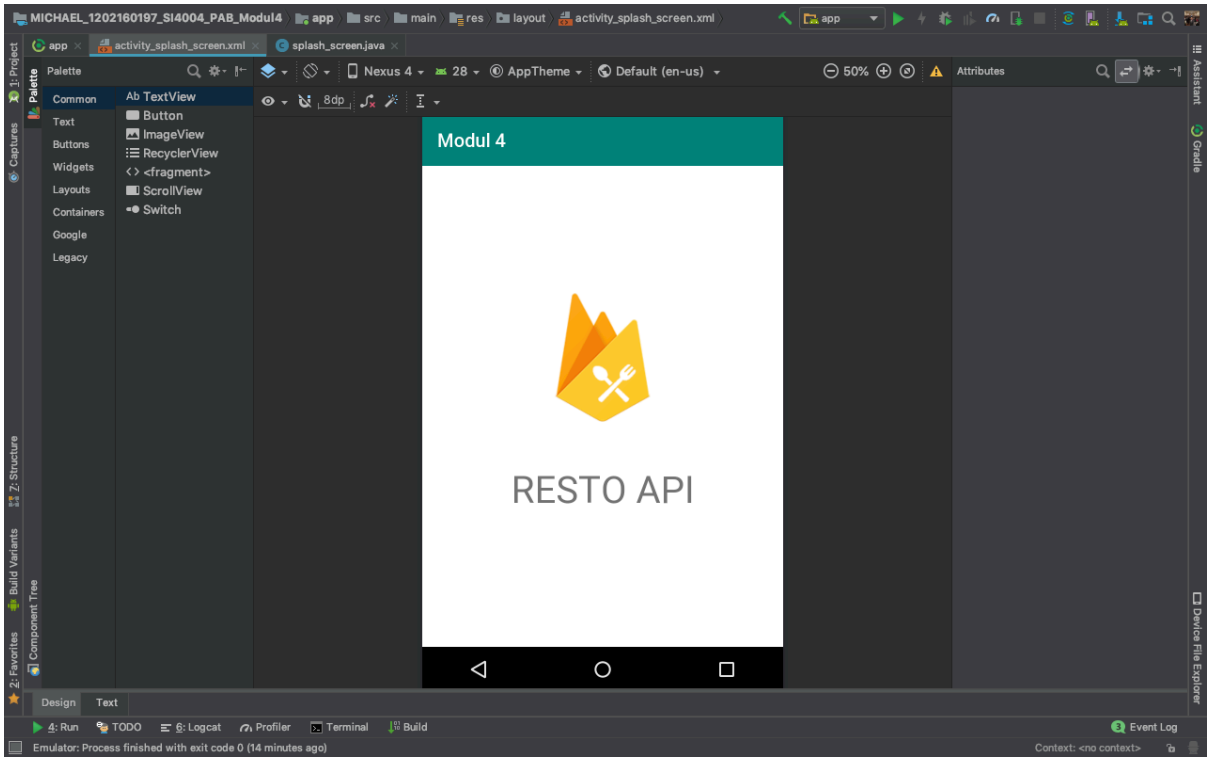
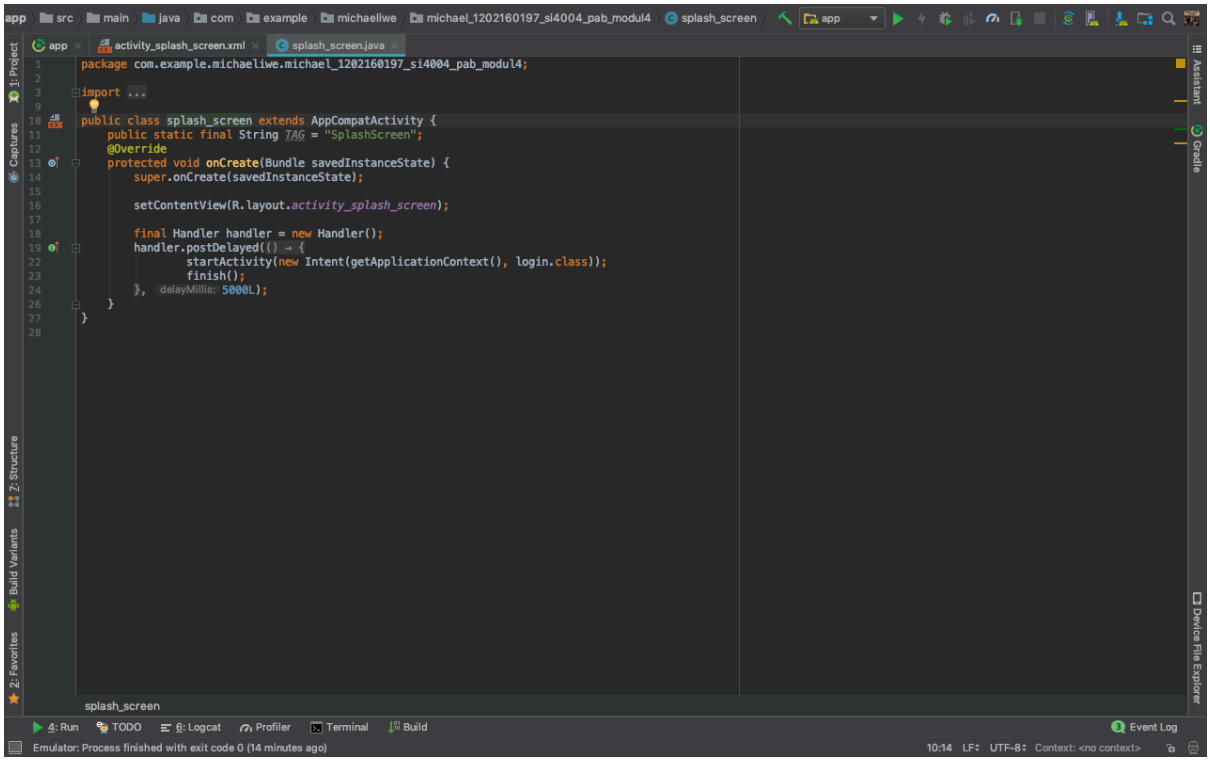
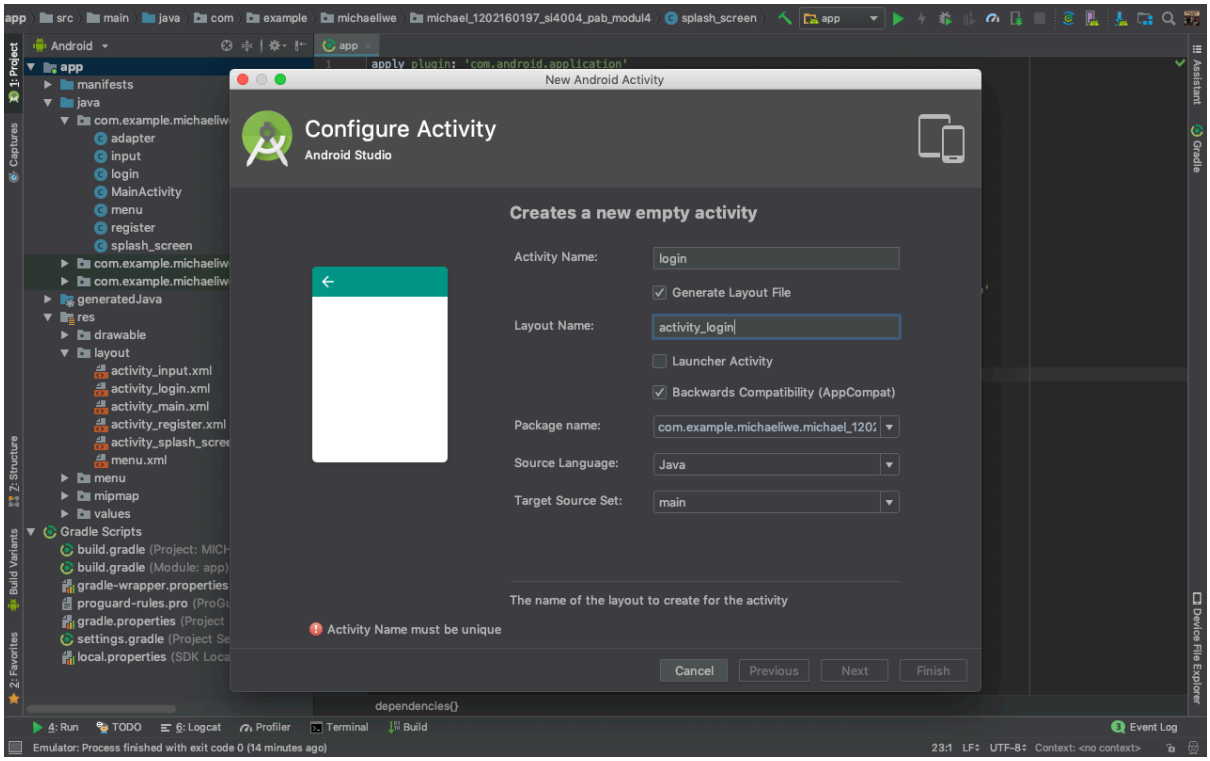
Kelas : SI4004

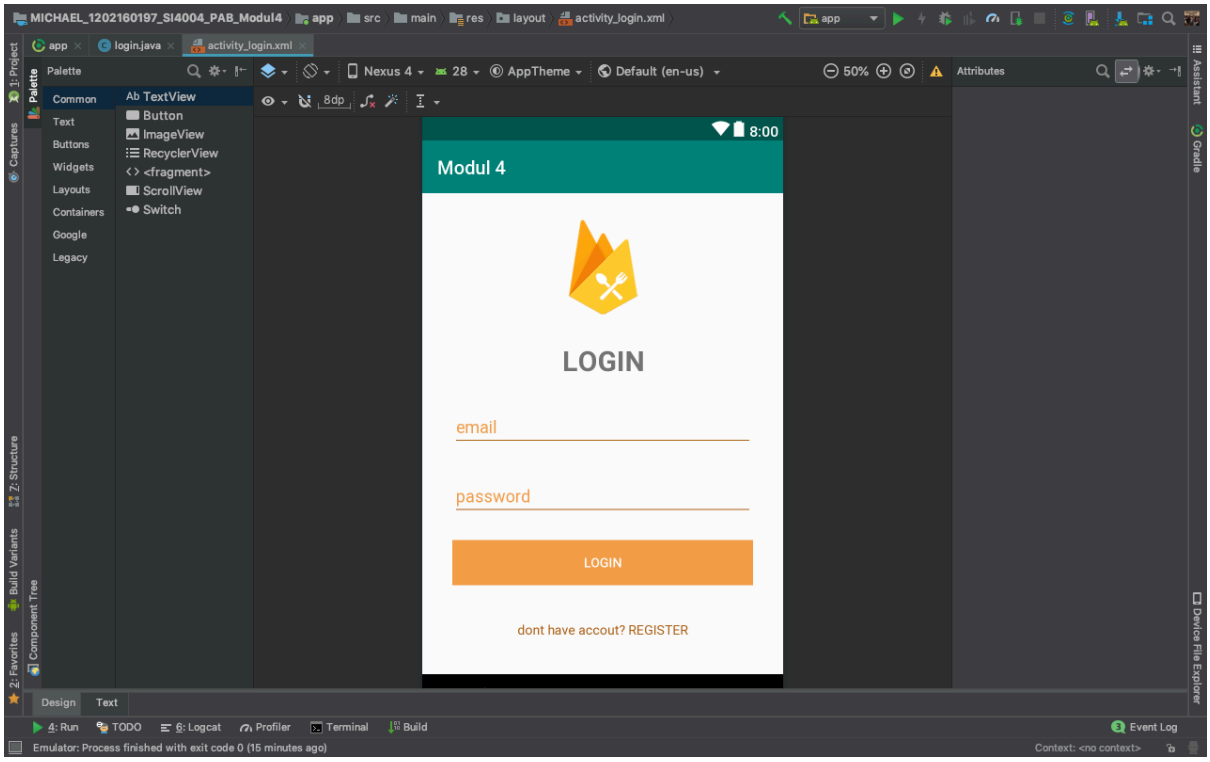


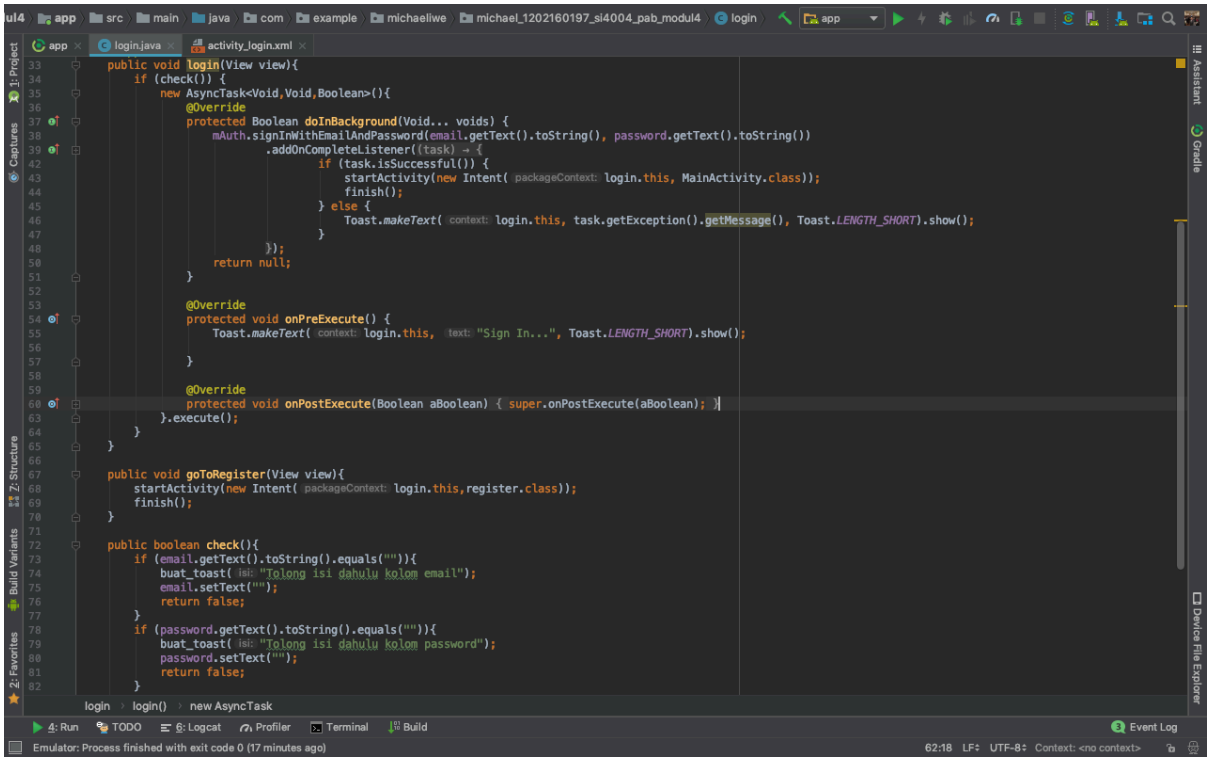



Modul 4
RESTO API

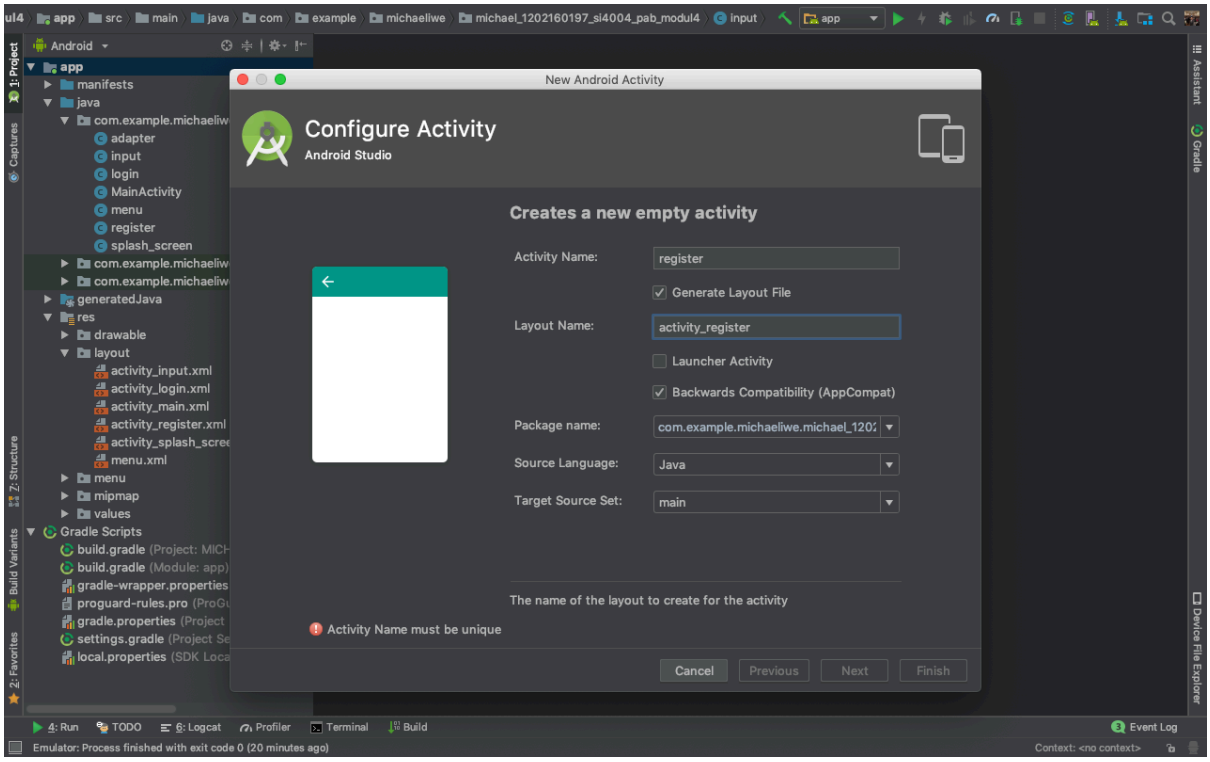


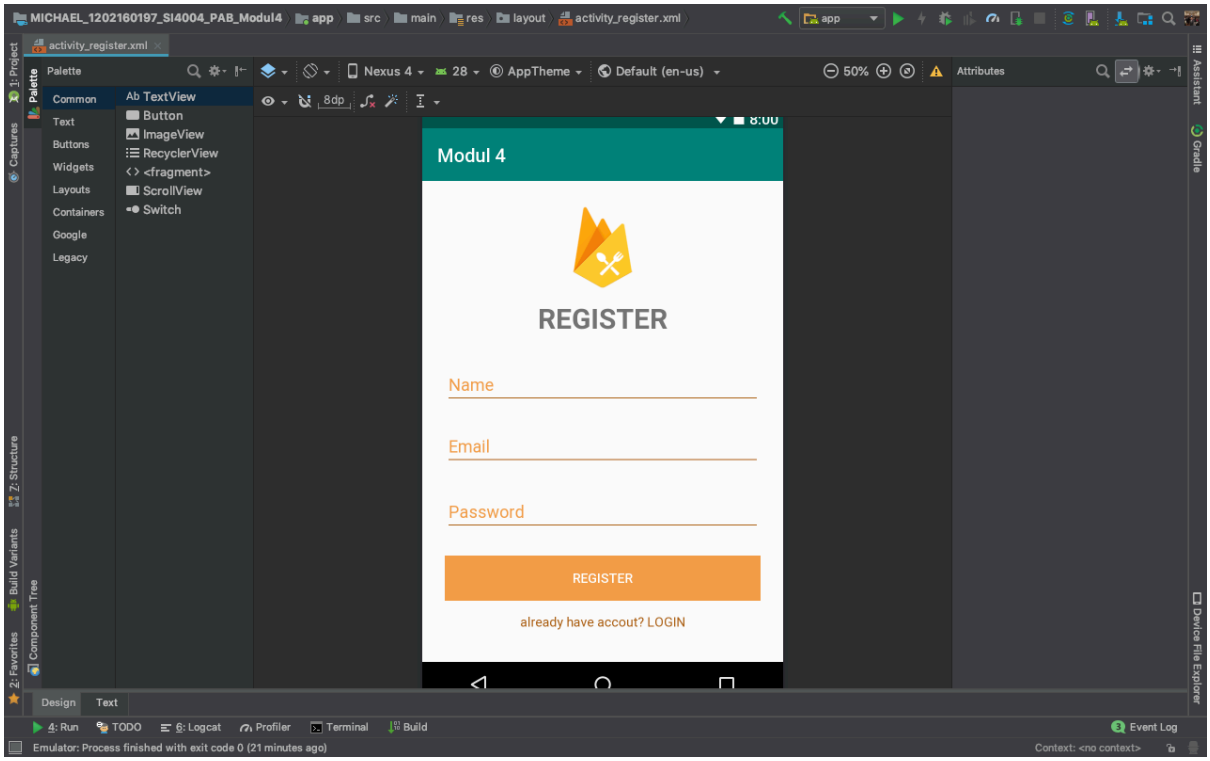

New Android Activity
Configure Activity
Android Studio
Creates a new empty activity
Activity Name:
login
Generate Layout File
Layout Name:
activity_login
Launcher Activity
Backwards Compatibility (AppCompat)
Package name:
com.example.michaeliwe.michael_1202
Source Language:
Java
Target Source Set:
main
The name of the layout to create for the activity
Activity Name must be unique
Cancel
Previous
Next
Finish


Modul 4
8:00
LOGIN
email
password
LOGIN
dont have accout? REGISTER

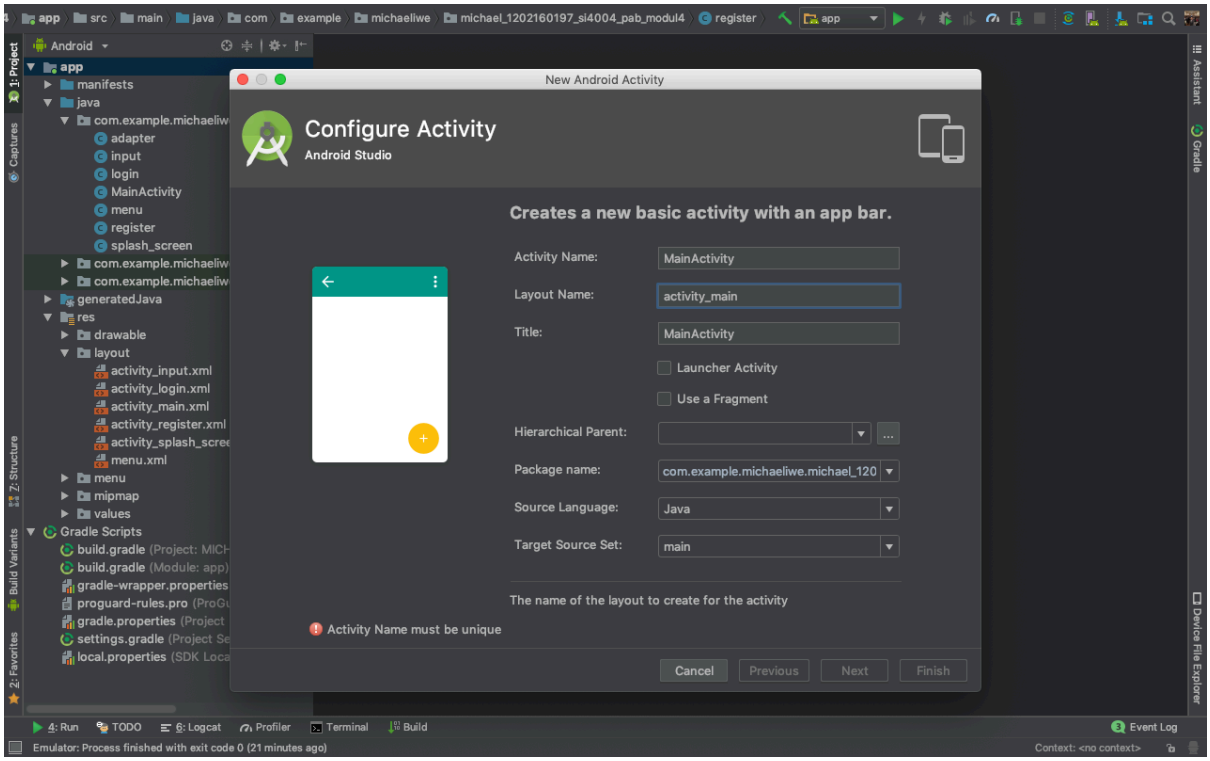


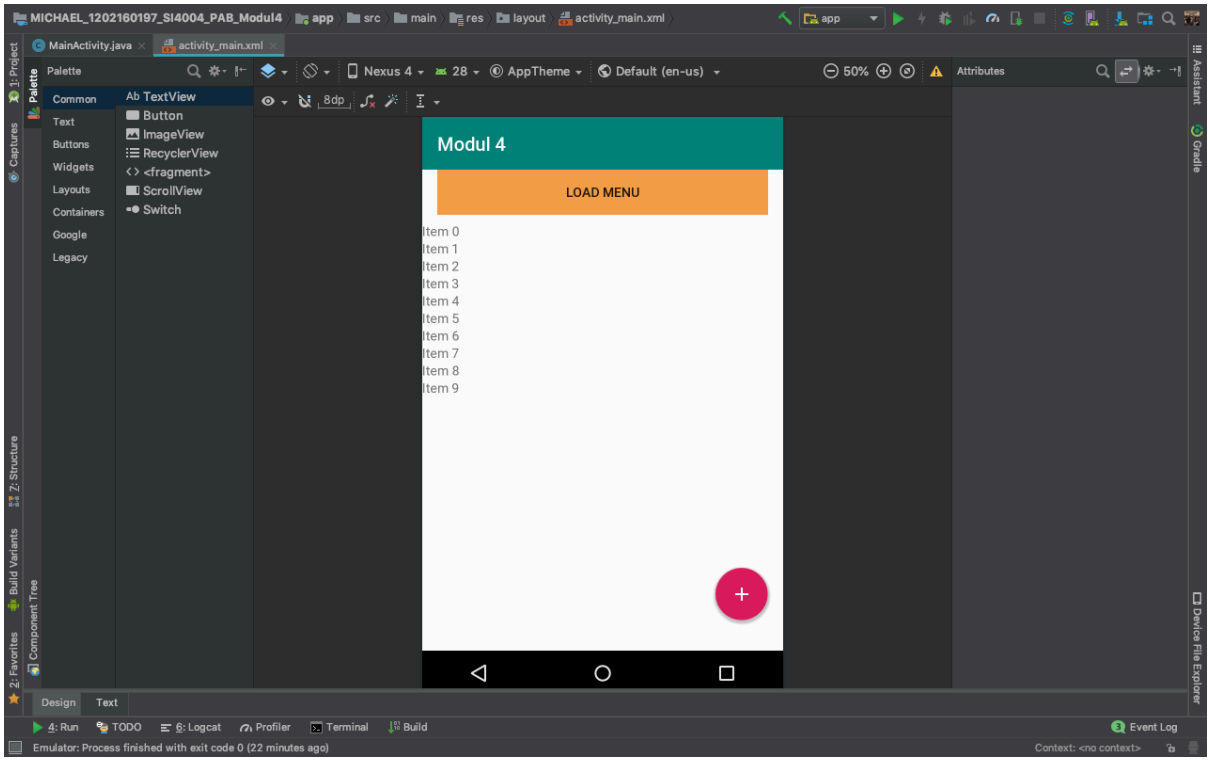
```
public void login(View view){
    if (check()) {
        new AsyncTask<Void,Void,Boolean>(){
            @Override
            protected Boolean doInBackground(Void... voids) {
                mAuth.signInWithEmailAndPassword(email.getText().toString(), password.getText().toString())
                        .addOnCompleteListener((task) -> {
                                if (task.isSuccessful()) {
                                    startActivity(new Intent( packageContext: login.this, MainActivity.class));
                                    finish();
                                } else {
                                    Toast.makeText( context: login.this, task.getException().getMessage(), Toast.LENGTH_SHORT).show();
                                }
                        });
                return null;
            }

            @Override
            protected void onPreExecute() {
                Toast.makeText( context: login.this,  text: "Sign In...", Toast.LENGTH_SHORT).show();

            }

            @Override
            protected void onPostExecute(Boolean aBoolean) { super.onPostExecute(aBoolean); }
        }.execute();
    }
}

public void goToRegister(View view){
    startActivity(new Intent( packageContext: login.this,register.class));
    finish();
}

public boolean check(){
    if (email.getText().toString().equals("")){
        buat_toast( isi: "Tolong isi dahulu kolom email");
        email.setText("");
        return false;
    }
    if (password.getText().toString().equals("")){
        buat_toast( isi: "Tolong isi dahulu kolom password");
        password.setText("");
        return false;
    }
```

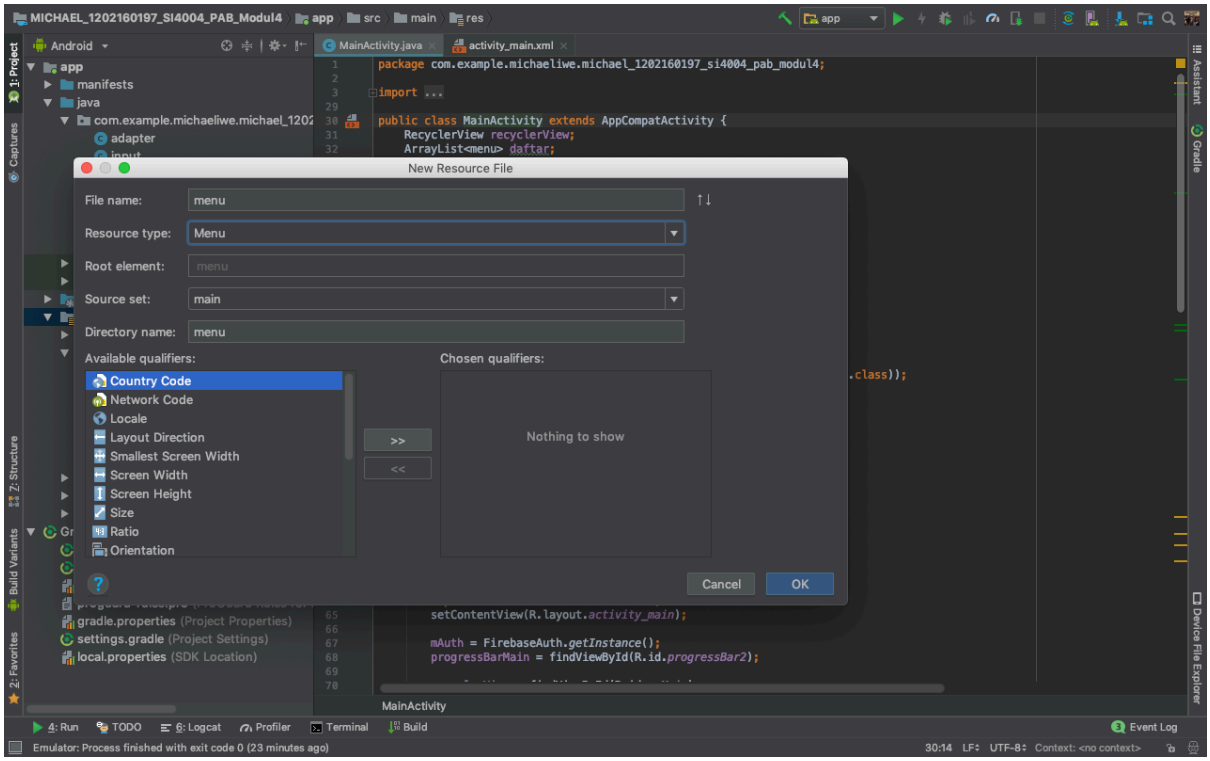


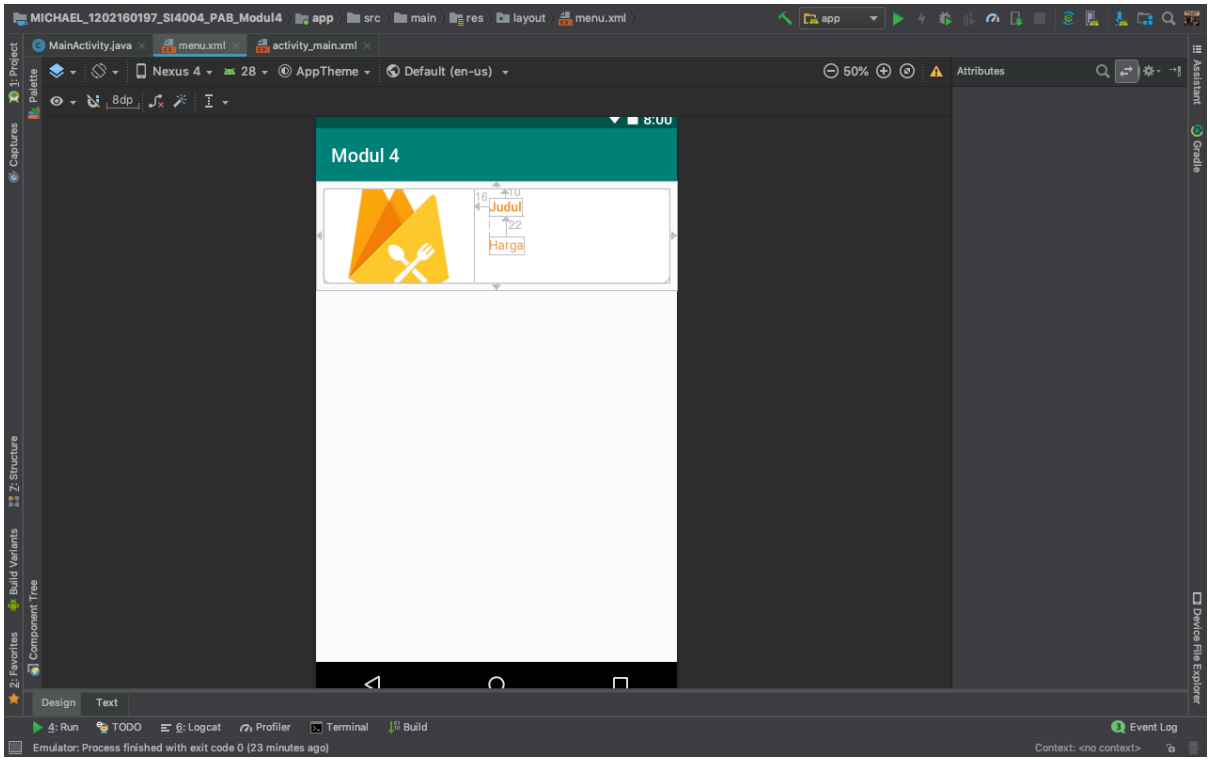


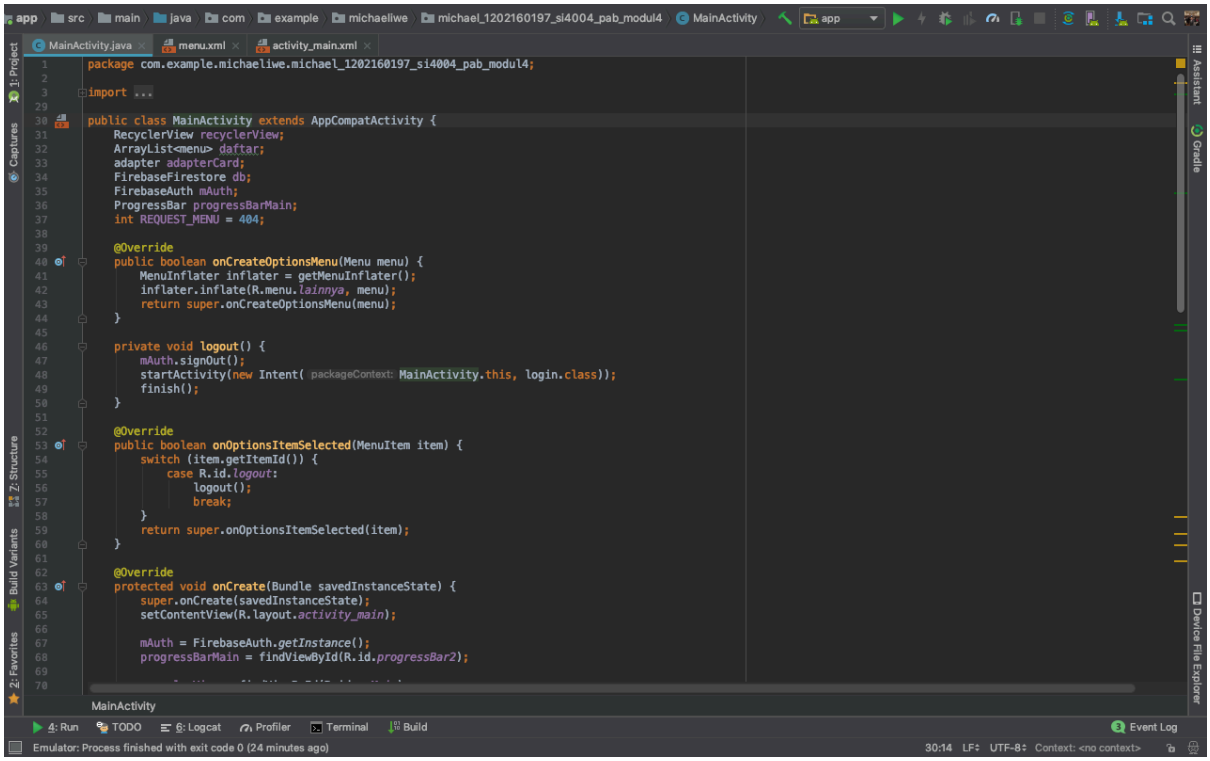

```
    }

    public void regist(View view){
        if (check()){
            mAuth = FirebaseAuth.getInstance();
            mAuth.createUserWithEmailAndPassword(email.getText().toString(),password.getText().toString())
                    .addOnCompleteListener((task) -> {
                            if (task.isSuccessful()){
                                FirebaseUser user = mAuth.getCurrentUser();
                                UserProfileChangeRequest userProfileChangeRequest = new UserProfileChangeRequest.Builder().setDisplayName(name.getText().toString()).bui

                                user.updateProfile(userProfileChangeRequest);
                                startActivity(new Intent( packageContext: register.this,login.class));
                                finish();
                            } else {
                                buat_toast( isi: "Register gagal");
                            }
                        });
        }
    }

    public void goToLogin(View view){
        startActivity(new Intent( packageContext: register.this,login.class));
        finish();
    }

    public boolean check(){
        if (name.getText().toString().equals("")){
            buat_toast( isi: "Tolong isi dahulu kolom name");
            password.setText("");
            return false;
        }
        if (email.getText().toString().equals("")){
            buat_toast( isi: "Tolong isi dahulu kolom email");
            email.setText("");
            return false;
        }
        if (password.getText().toString().equals("")){
            buat_toast( isi: "Tolong isi dahulu kolom password");
            password.setText("");
            return false;
        }
        return true;
    }
```


New Android Activity
Configure Activity
Android Studio
Creates a new basic activity with an app bar.
Activity Name: MainActivity
Layout Name: activity_main
Title: MainActivity
Launcher Activity
Use a Fragment
Hierarchical Parent:
Package name: com.example.michaeliwe.michael_120
Source Language: Java
Target Source Set: main
The name of the layout to create for the activity
Activity Name must be unique
Cancel
Previous
Next
Finish

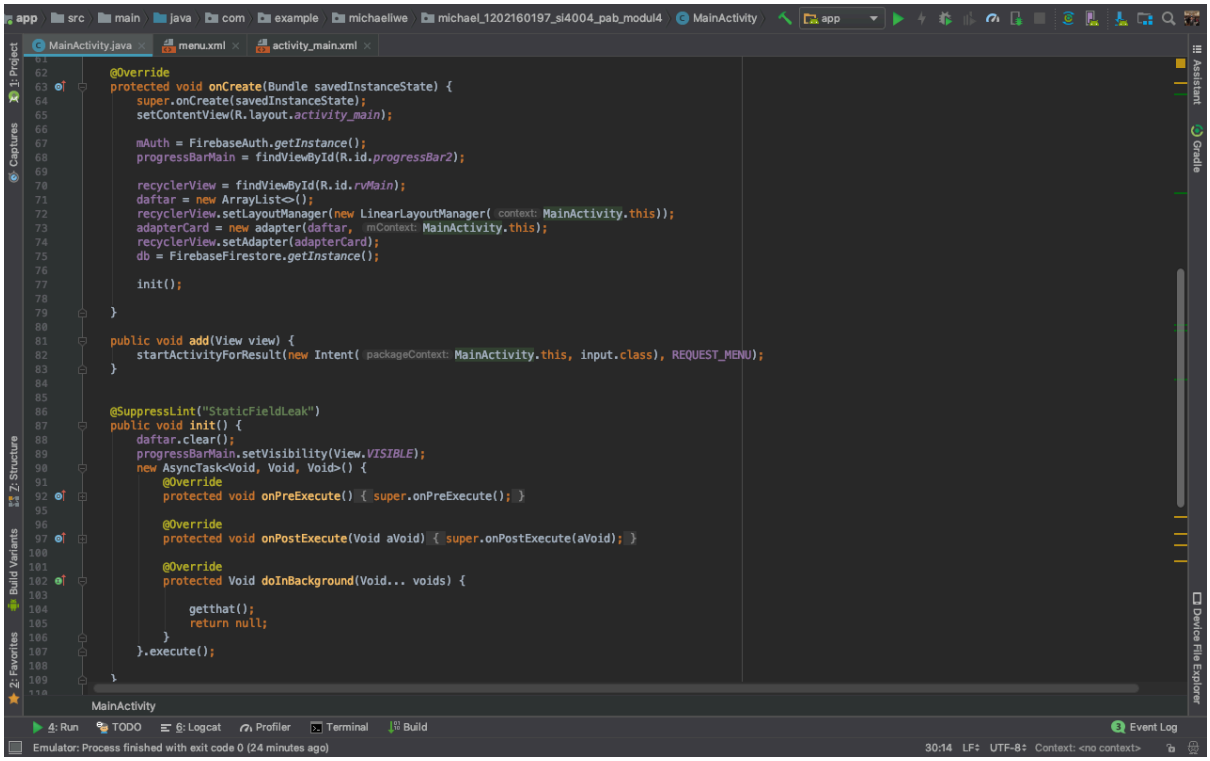

Modul 4
LOAD MENU
Item 0
Item 1
Item 2
Item 3
Item 4
Item 5
Item 6
Item 7
Item 8
Item 9


New Resource File
File name: menu
Resource type: Menu
Root element: menu
Source set: main
Directory name: menu
Available qualifiers:
Country Code
Network Code
Locale
Layout Direction
Smallest Screen Width
Screen Width
Screen Height
Size
Ratio
Orientation
Chosen qualifiers:
Nothing to show
Cancel
OK

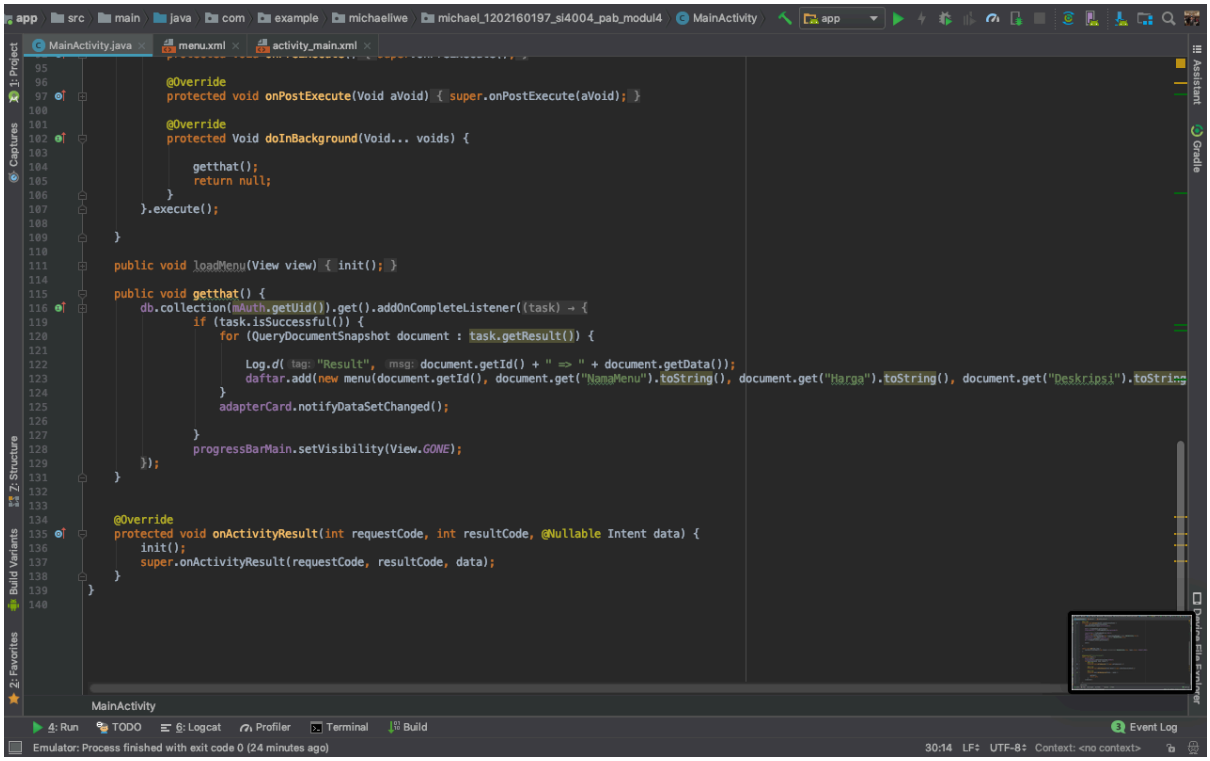

Modul 4
Judul
Harga

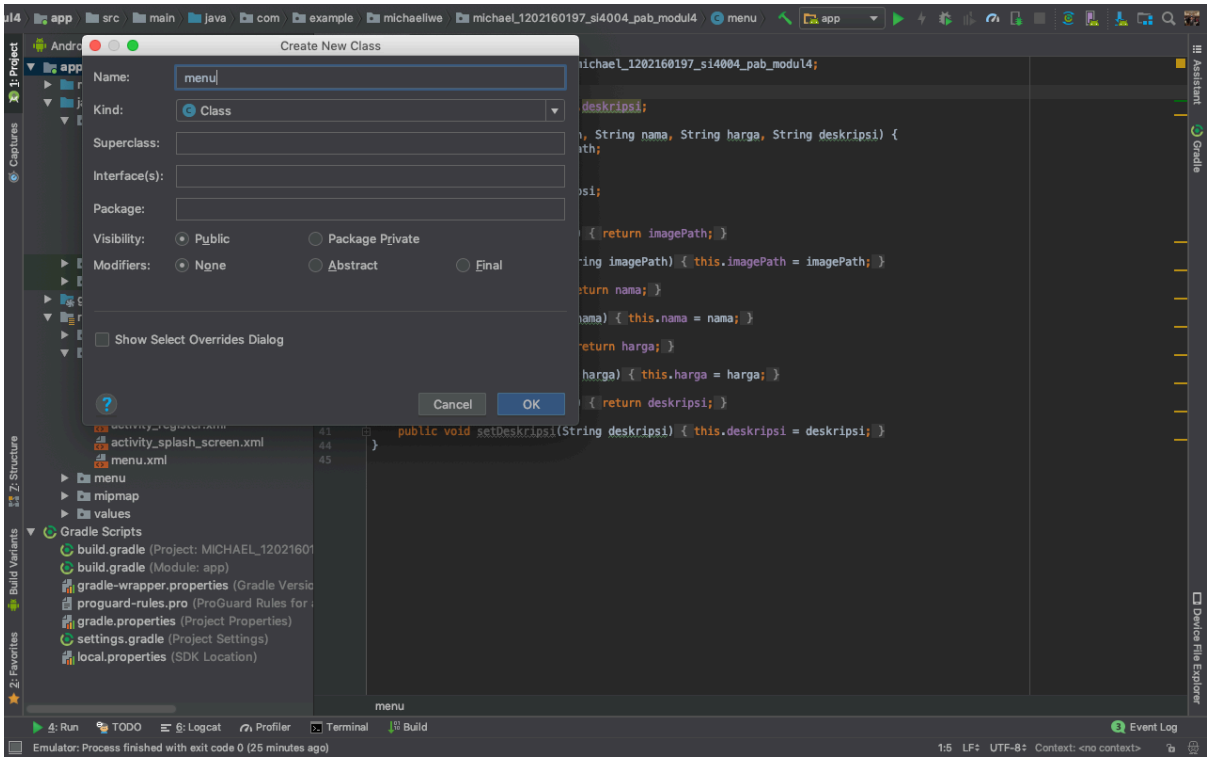


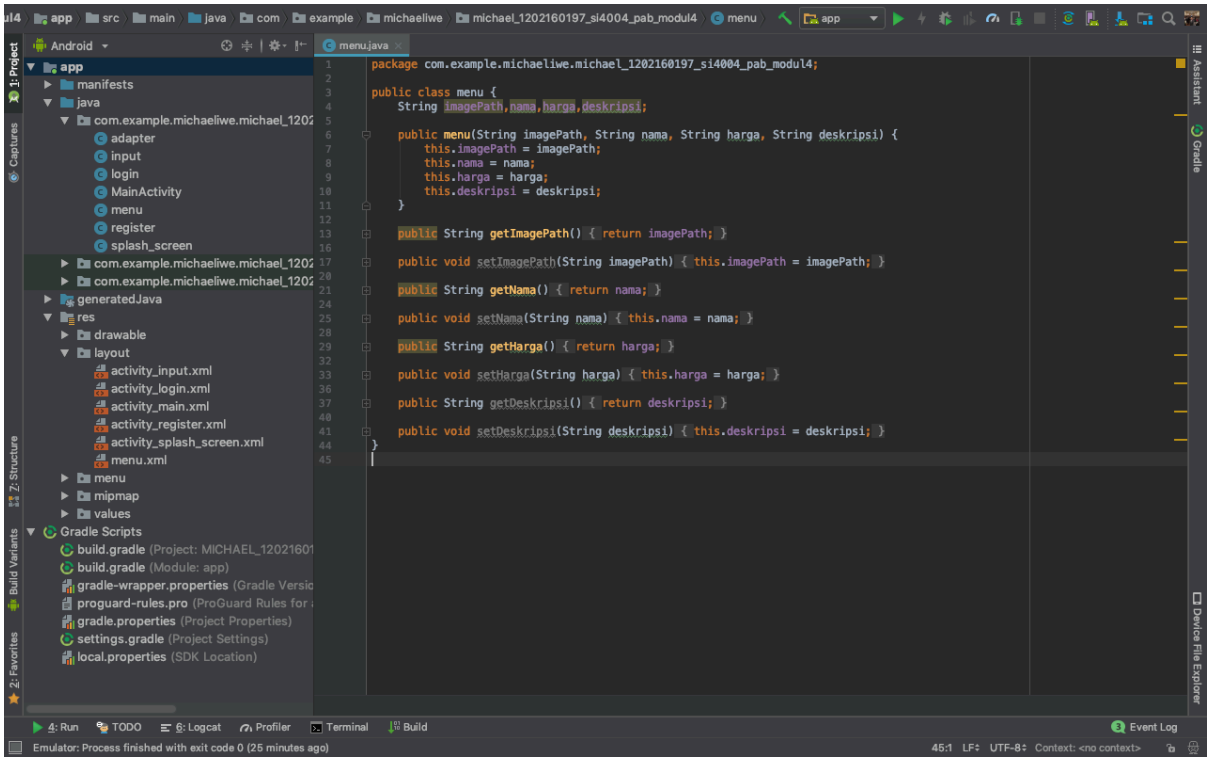
```
package com.example.michaeliwe.michael_1202160197_si4004_pab_modul4;

import ...

public class MainActivity extends AppCompatActivity {
    RecyclerView recyclerView;
    ArrayList<menu> daftar;
    adapter adapterCard;
    FirebaseFirestore db;
    FirebaseAuth mAuth;
    ProgressBar progressBarMain;
    int REQUEST_MENU = 404;

    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        MenuInflater inflater = getMenuInflater();
        inflater.inflate(R.menu.lainnya, menu);
        return super.onCreateOptionsMenu(menu);
    }

    private void logout() {
        mAuth.signOut();
        startActivity(new Intent( packageContext: MainActivity.this, login.class));
        finish();
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item) {
        switch (item.getItemId()) {
            case R.id.logout:
                logout();
                break;
        }
        return super.onOptionsItemSelected(item);
    }

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        mAuth = FirebaseAuth.getInstance();
        progressBarMain = findViewById(R.id.progressBar2);
```

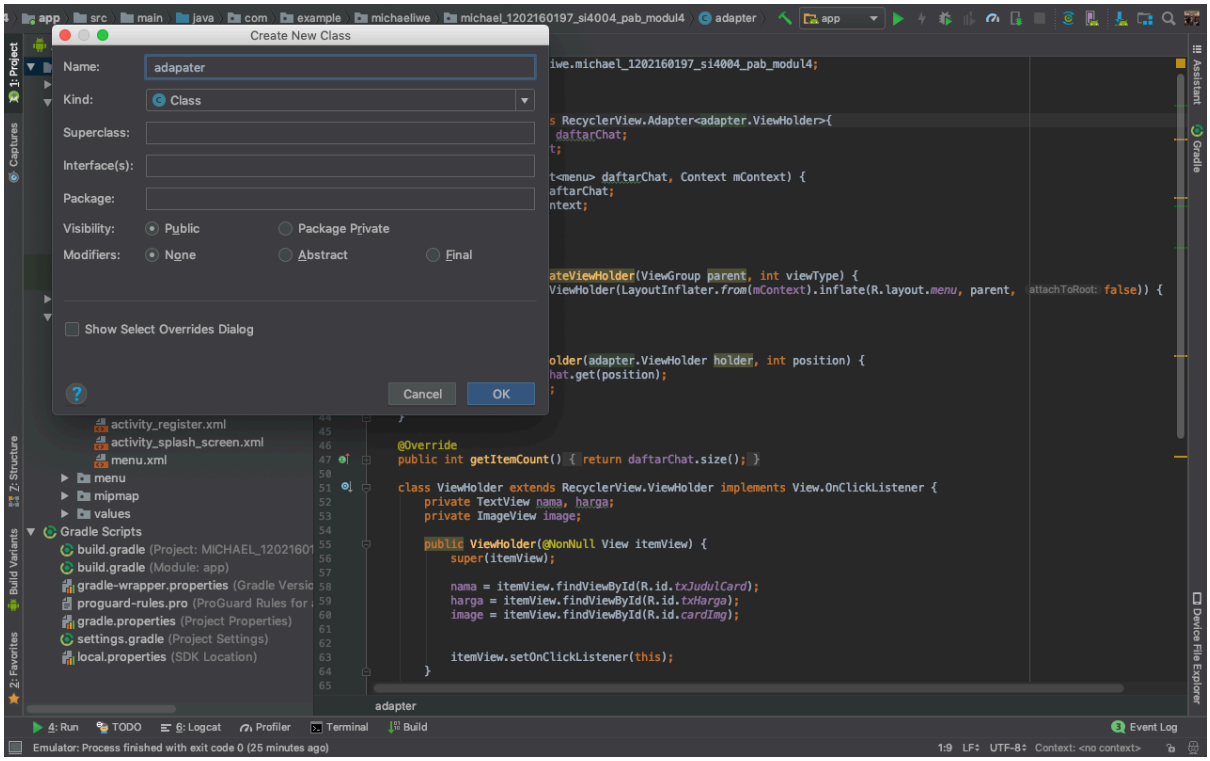


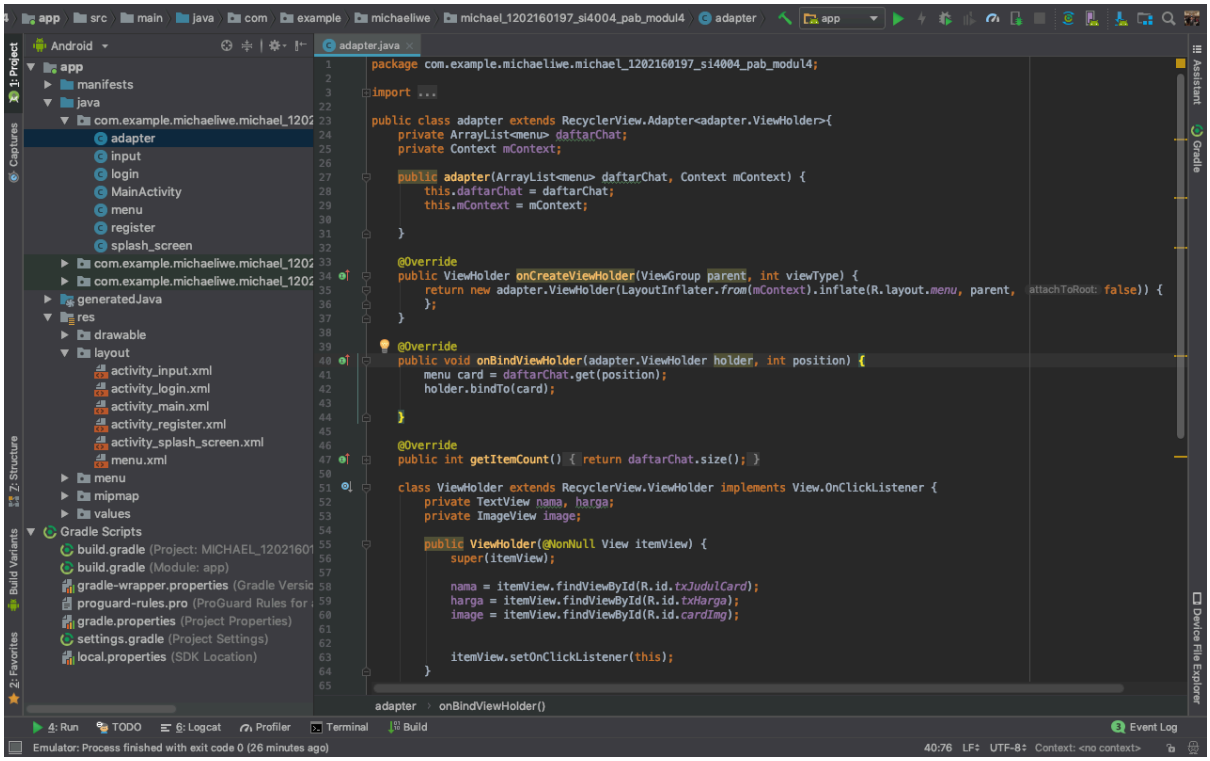
```
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        mAuth = FirebaseAuth.getInstance();
        progressBarMain = findViewById(R.id.progressBar2);

        recyclerView = findViewById(R.id.rvMain);
        daftar = new ArrayList<>();
        recyclerView.setLayoutManager(new LinearLayoutManager( context: MainActivity.this));
        adapterCard = new adapter(daftar,  mContext: MainActivity.this);
        recyclerView.setAdapter(adapterCard);
        db = FirebaseFirestore.getInstance();

        init();

    }

    public void add(View view) {
        startActivityForResult(new Intent( packageContext: MainActivity.this, input.class), REQUEST_MENU);
    }


    @SuppressLint("StaticFieldLeak")
    public void init() {
        daftar.clear();
        progressBarMain.setVisibility(View.VISIBLE);
        new AsyncTask<Void, Void, Void>() {
            @Override
            protected void onPreExecute() { super.onPreExecute(); }

            @Override
            protected void onPostExecute(Void aVoid) { super.onPostExecute(aVoid); }

            @Override
            protected Void doInBackground(Void... voids) {

                getthat();
                return null;
            }
        }.execute();

    }
```


app src main java com example michaeliwe michael_1202160197_si4004_pab_modul4 MainActivity
MainActivity.java menu.xml activity_main.xml
@Override
protected void onPostExecute(Void aVoid) { super.onPostExecute(aVoid); }
@Override
protected Void doInBackground(Void... voids) {
getthat();
return null;
}
}.execute();
}
public void loadMenu(View view) { init(); }
public void getthat() {
db.collection(mAuth.getUid()).get().addOnCompleteListener((task) -> {
if (task.isSuccessful()) {
for (QueryDocumentSnapshot document : task.getResult()) {
Log.d(tag: "Result", msg: document.getId() + " => " + document.getData());
daftar.add(new menu(document.getId(), document.get("NamaMenu").toString(), document.get("Harga").toString(), document.get("Deskripsi").toStrin
}
adapterCard.notifyDataSetChanged();
}
progressBarMain.setVisibility(View.GONE);
});
}
@Override
protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent data) {
init();
super.onActivityResult(requestCode, resultCode, data);
}
}
MainActivity
4: Run TODO 6: Logcat Profiler Terminal Build Event Log
Emulator: Process finished with exit code 0 (24 minutes ago)
30:14 LF UTF-8 Context: <no context>

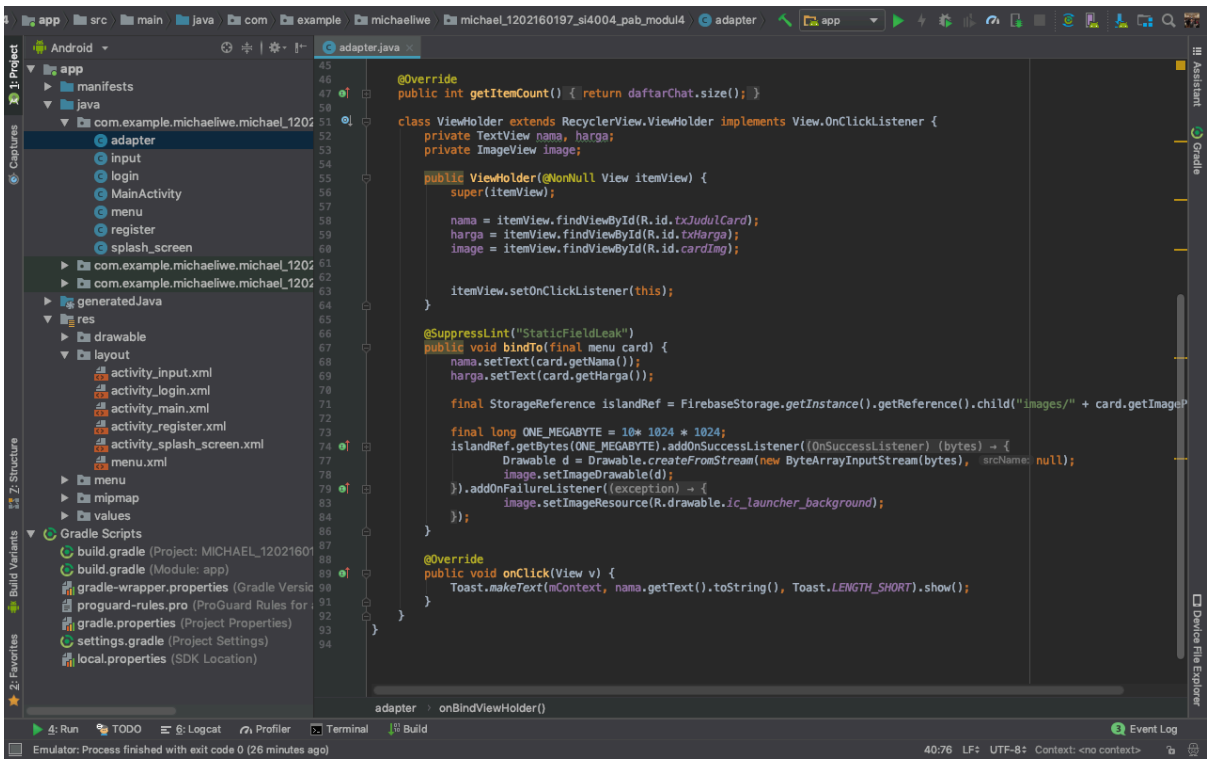

Create New Class
Name: menu
Kind: Class
Superclass:
Interface(s):
Package:
Visibility: Public Package Private
Modifiers: None Abstract Final
Show Select Overrides Dialog
Cancel OK
activity_splash_screen.xml
menu.xml
menu
mipmap
values
Gradle Scripts
build.gradle (Project: MICHAEL_12021601
build.gradle (Module: app)
gradle-wrapper.properties (Gradle Versio
proguard-rules.pro (ProGuard Rules for
gradle.properties (Project Properties)
settings.gradle (Project Settings)
local.properties (SDK Location)
public void setDeskripsi(String deskripsi) { this.deskripsi = deskripsi; }
menu
4: Run TODO 6: Logcat Profiler Terminal Build Event Log
Emulator: Process finished with exit code 0 (25 minutes ago)
1:5 LF UTF-8 Context: <no context>


app src main java com example michaeliwe michael_1202160197_si4004_pab_modul4 menu
Android
menu.java
app
manifests
java
com.example.michaeliwe.michael_1202
adapter
input
login
MainActivity
menu
register
splash_screen
com.example.michaeliwe.michael_1202
com.example.michaeliwe.michael_1202
generatedJava
res
drawable
layout
activity_input.xml
activity_login.xml
activity_main.xml
activity_register.xml
activity_splash_screen.xml
menu.xml
menu
mipmap
values
Gradle Scripts
build.gradle (Project: MICHAEL_12021601
build.gradle (Module: app)
gradle-wrapper.properties (Gradle Versio
proguard-rules.pro (ProGuard Rules for
gradle.properties (Project Properties)
settings.gradle (Project Settings)
local.properties (SDK Location)
package com.example.michaeliwe.michael_1202160197_si4004_pab_modul4;
public class menu {
String imagePath,nama,harga,deskripsi;
public menu(String imagePath, String nama, String harga, String deskripsi) {
this.imagePath = imagePath;
this.nama = nama;
this.harga = harga;
this.deskripsi = deskripsi;
}
public String getImagePath() { return imagePath; }
public void setImagePath(String imagePath) { this.imagePath = imagePath; }
public String getNama() { return nama; }
public void setNama(String nama) { this.nama = nama; }
public String getHarga() { return harga; }
public void setHarga(String harga) { this.harga = harga; }
public String getDeskripsi() { return deskripsi; }
public void setDeskripsi(String deskripsi) { this.deskripsi = deskripsi; }
}
4: Run
TODO
6: Logcat
Profiler
Terminal
Build
Event Log
Emulator: Process finished with exit code 0 (25 minutes ago)
45:1
LF
UTF-8
Context: <no context>
Assistant
Gradle
Device File Explorer
1: Project
Captures
Z: Structure
Build Variants
2: Favorites

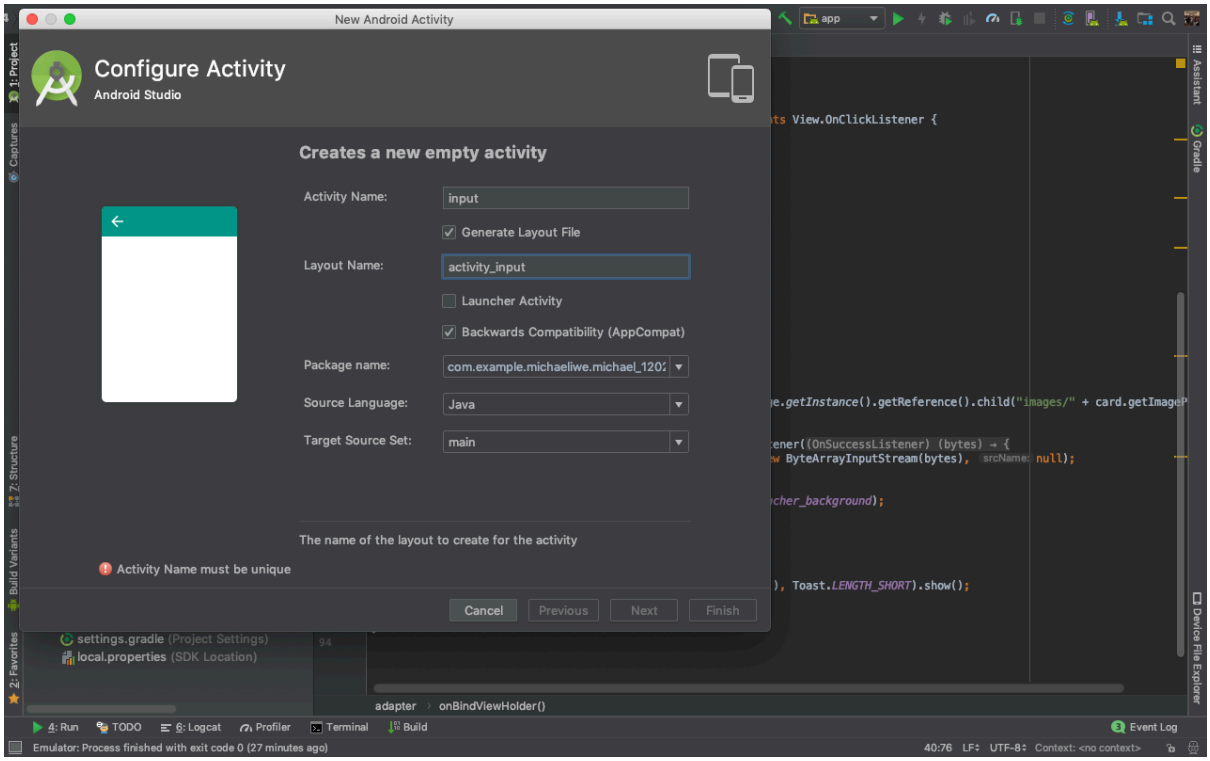

app src main java com example michaeliwe michael_1202160197_si4004_pab_modul4 adapter
Create New Class
Name:
adapater
Kind:
Class
Superclass:
Interface(s):
Package:
Visibility:
Public
Package Private
Modifiers:
None
Abstract
Final
Show Select Overrides Dialog
Cancel
OK
iwe.michael_1202160197_si4004_pab_modul4;
s RecyclerView.Adapter<adapter.ViewHolder>{
daftarChat;
t;
t<menu> daftarChat, Context mContext) {
aftarChat;
ntext;
ateViewHolder(ViewGroup parent, int viewType) {
ViewHolder(LayoutInflater.from(mContext).inflate(R.layout.menu, parent, attachToRoot: false)) {
older(adapter.ViewHolder holder, int position) {
hat.get(position);
;
@Override
public int getItemCount() { return daftarChat.size(); }
class ViewHolder extends RecyclerView.ViewHolder implements View.OnClickListener {
private TextView nama, harga;
private ImageView image;
public ViewHolder(@NonNull View itemView) {
super(itemView);
nama = itemView.findViewById(R.id.txJudulCard);
harga = itemView.findViewById(R.id.txHarga);
image = itemView.findViewById(R.id.cardImg);
itemView.setOnClickListener(this);
}
adapter
4: Run
TODO
6: Logcat
Profiler
Terminal
Build
Event Log
Emulator: Process finished with exit code 0 (25 minutes ago)
1:9
LF
UTF-8
Context: <no context>
Assistant
Gradle
Device File Explorer
1: Project
Captures
Z: Structure
Build Variants
2: Favorites

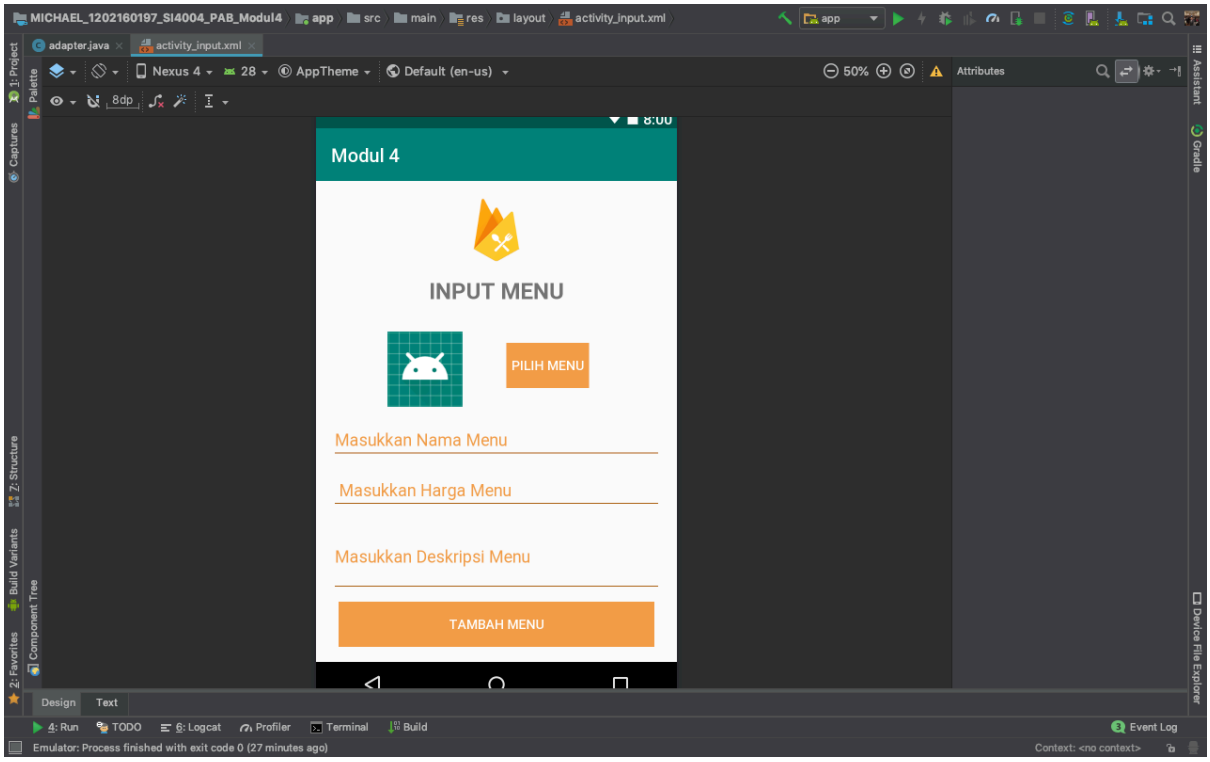


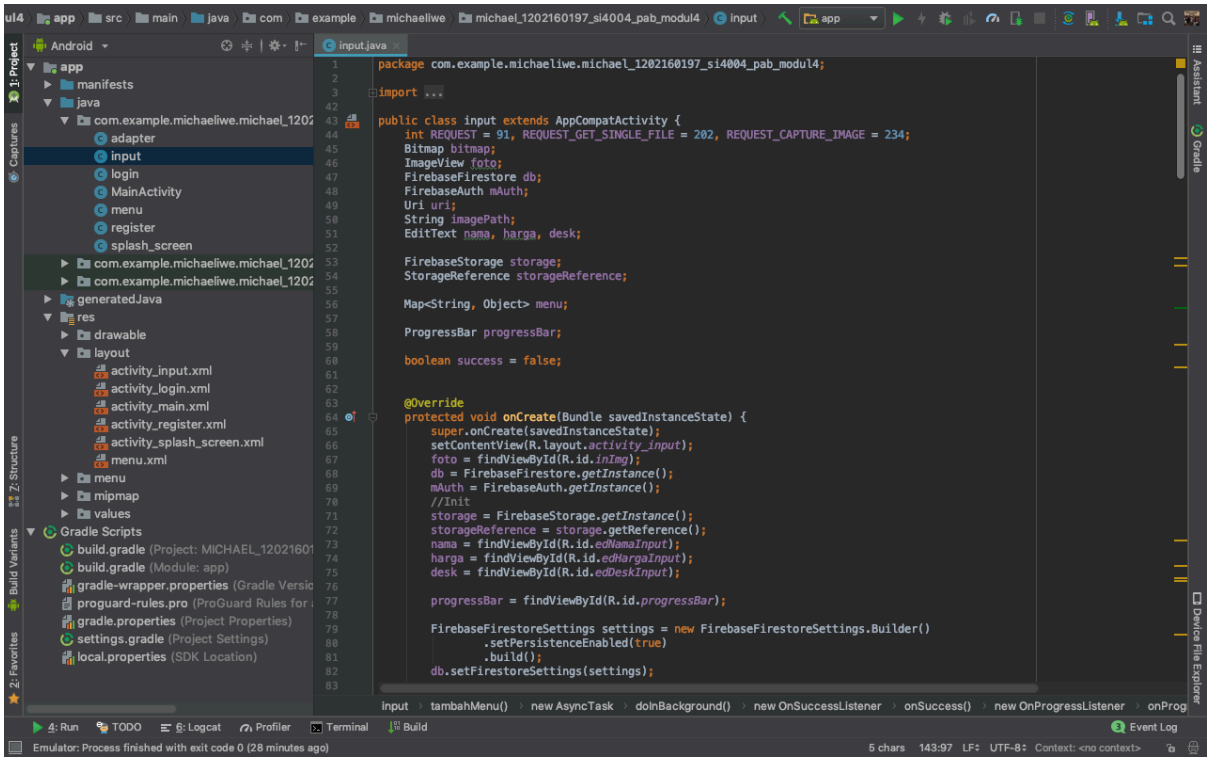
```
package com.example.michaeliwe.michael_1202160197_si4004_pab_modul4;

import ...

public class adapter extends RecyclerView.Adapter<adapter.ViewHolder>{
    private ArrayList<menu> daftarChat;
    private Context mContext;

    public adapter(ArrayList<menu> daftarChat, Context mContext) {
        this.daftarChat = daftarChat;
        this.mContext = mContext;

    }

    @Override
    public ViewHolder onCreateViewHolder(ViewGroup parent, int viewType) {
        return new adapter.ViewHolder(LayoutInflater.from(mContext).inflate(R.layout.menu, parent,  attachToRoot: false)) {
        };
    }

    @Override
    public void onBindViewHolder(adapter.ViewHolder holder, int position) {
        menu card = daftarChat.get(position);
        holder.bindTo(card);

    }

    @Override
    public int getItemCount() { return daftarChat.size(); }

    class ViewHolder extends RecyclerView.ViewHolder implements View.OnClickListener {
        private TextView nama, harga;
        private ImageView image;

        public ViewHolder(@NonNull View itemView) {
            super(itemView);

            nama = itemView.findViewById(R.id.txJudulCard);
            harga = itemView.findViewById(R.id.txHarga);
            image = itemView.findViewById(R.id.cardImg);


            itemView.setOnClickListener(this);
        }
```



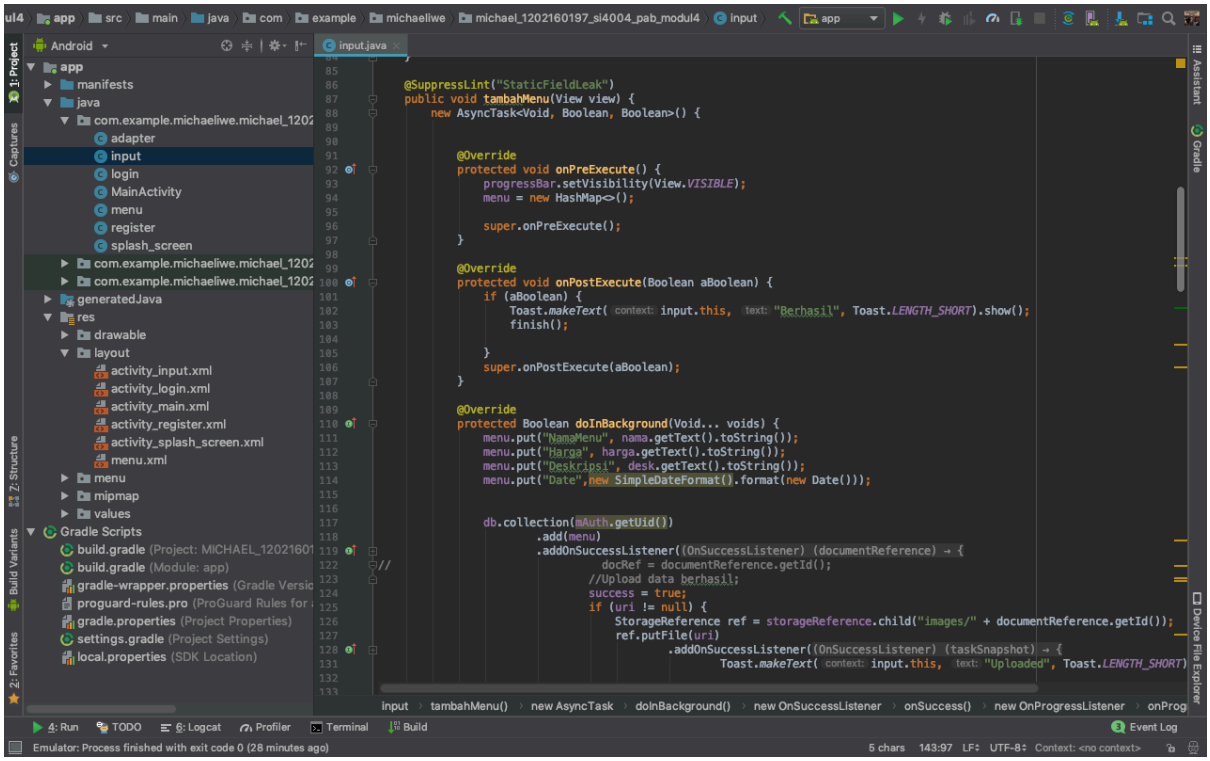
```
    @Override
    public int getItemCount() { return daftarChat.size(); }

    class ViewHolder extends RecyclerView.ViewHolder implements View.OnClickListener {
        private TextView nama, harga;
        private ImageView image;

        public ViewHolder(@NonNull View itemView) {
            super(itemView);

            nama = itemView.findViewById(R.id.txJudulCard);
            harga = itemView.findViewById(R.id.txHarga);
            image = itemView.findViewById(R.id.cardImg);


            itemView.setOnClickListener(this);
        }

        @SuppressLint("StaticFieldLeak")
        public void bindTo(final menu card) {
            nama.setText(card.getNama());
            harga.setText(card.getHarga());

            final StorageReference islandRef = FirebaseStorage.getInstance().getReference().child("images/" + card.getImageP

            final long ONE_MEGABYTE = 10* 1024 * 1024;
            islandRef.getBytes(ONE_MEGABYTE).addOnSuccessListener((OnSuccessListener) (bytes) → {
                    Drawable d = Drawable.createFromStream(new ByteArrayInputStream(bytes),  srcName: null);
                    image.setImageDrawable(d);
            }).addOnFailureListener((exception) → {
                    image.setImageResource(R.drawable.ic_launcher_background);

            });
        }

        @Override
        public void onClick(View v) {
            Toast.makeText(mContext, nama.getText().toString(), Toast.LENGTH_SHORT).show();
        }
    }
}
```


New Android Activity
Configure Activity
Android Studio
Creates a new empty activity
Activity Name:
input
Generate Layout File
Layout Name:
activity_input
Launcher Activity
Backwards Compatibility (AppCompat)
Package name:
com.example.michaeliwe.michael_120
Source Language:
Java
Target Source Set:
main
The name of the layout to create for the activity
Activity Name must be unique
Cancel
Previous
Next
Finish

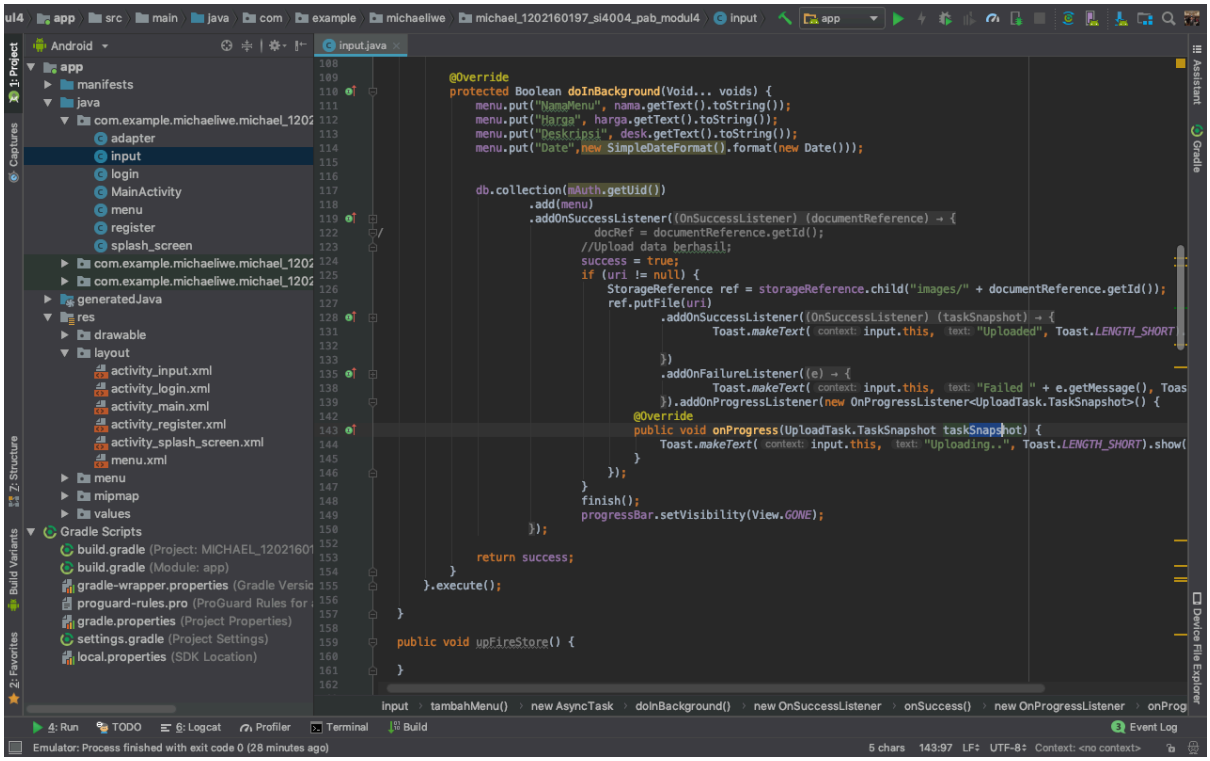

Modul 4
INPUT MENU
PILIH MENU
Masukkan Nama Menu
Masukkan Harga Menu
Masukkan Deskripsi Menu
TAMBAH MENU



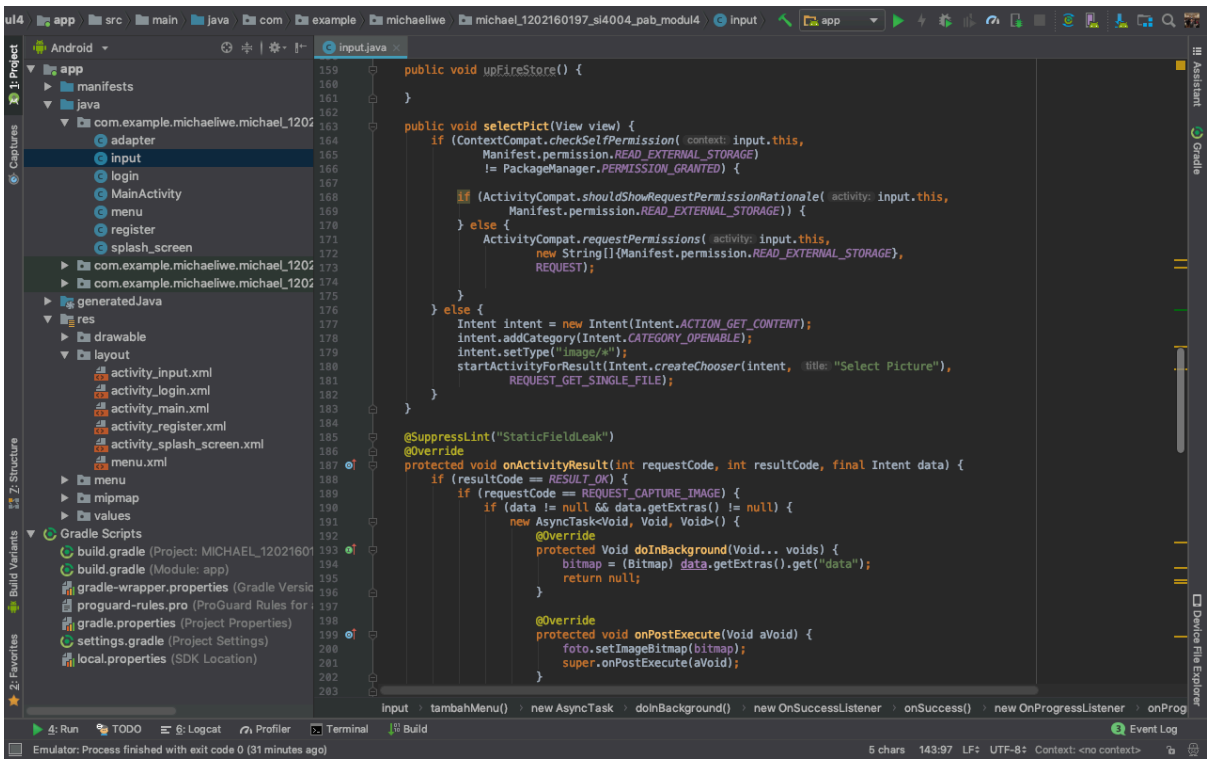
```
package com.example.michaeliwe.michael_1202160197_si4004_pab_modul4;

import ...

public class input extends AppCompatActivity {
    int REQUEST = 91, REQUEST_GET_SINGLE_FILE = 202, REQUEST_CAPTURE_IMAGE = 234;
    Bitmap bitmap;
    ImageView foto;
    FirebaseFirestore db;
    FirebaseAuth mAuth;
    Uri uri;
    String imagePath;
    EditText nama, harga, desk;

    FirebaseStorage storage;
    StorageReference storageReference;

    Map<String, Object> menu;

    ProgressBar progressBar;

    boolean success = false;


    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_input);
        foto = findViewById(R.id.inImg);
        db = FirebaseFirestore.getInstance();
        mAuth = FirebaseAuth.getInstance();
        //Init
        storage = FirebaseStorage.getInstance();
        storageReference = storage.getReference();
        nama = findViewById(R.id.edNamaInput);
        harga = findViewById(R.id.edHargaInput);
        desk = findViewById(R.id.edDeskInput);

        progressBar = findViewById(R.id.progressBar);

        FirebaseFirestoreSettings settings = new FirebaseFirestoreSettings.Builder()
                .setPersistenceEnabled(true)
                .build();
        db.setFirestoreSettings(settings);
```



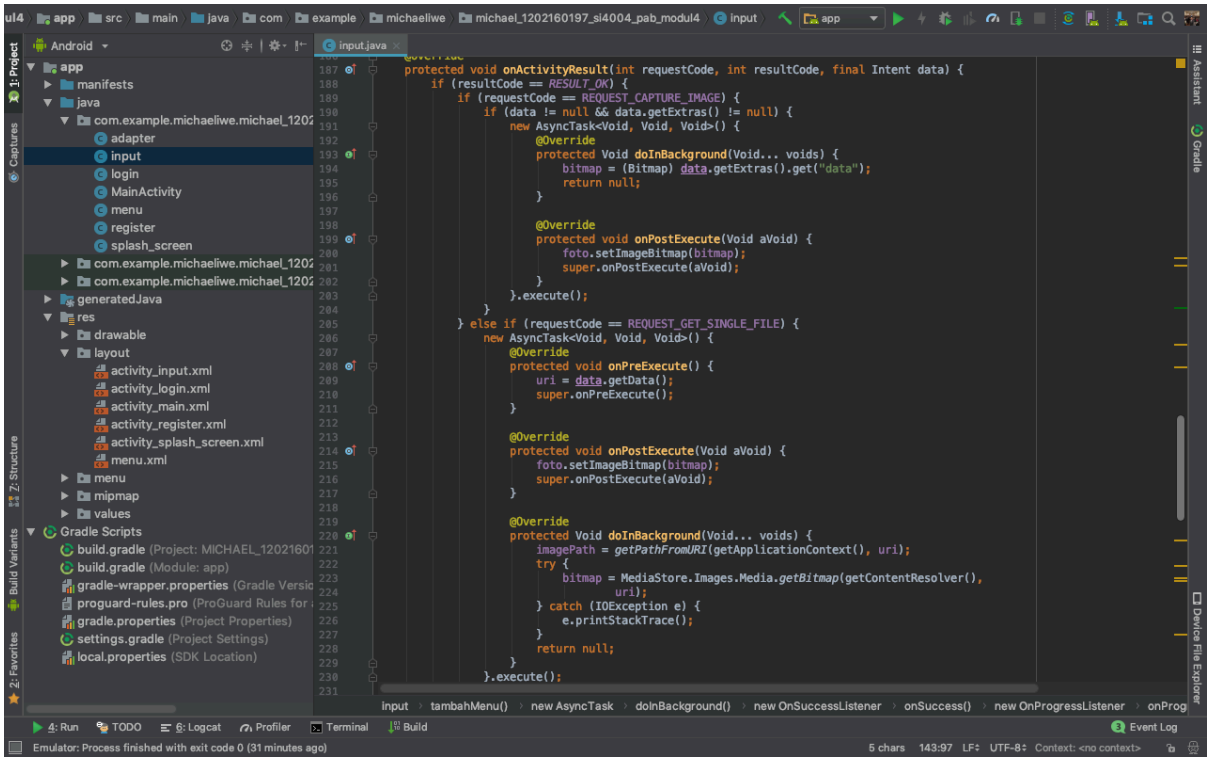
```
    @SuppressLint("StaticFieldLeak")
    public void tambahMenu(View view) {
        new AsyncTask<Void, Boolean, Boolean>() {


            @Override
            protected void onPreExecute() {
                progressBar.setVisibility(View.VISIBLE);
                menu = new HashMap<>();

                super.onPreExecute();
            }

            @Override
            protected void onPostExecute(Boolean aBoolean) {
                if (aBoolean) {
                    Toast.makeText( context: input.this,  text: "Berhasil", Toast.LENGTH_SHORT).show();
                    finish();


                }
                super.onPostExecute(aBoolean);
            }

            @Override
            protected Boolean doInBackground(Void... voids) {
                menu.put("NamaMenu", nama.getText().toString());
                menu.put("Harga", harga.getText().toString());
                menu.put("Deskripsi", desk.getText().toString());
                menu.put("Date",new SimpleDateFormat().format(new Date()));


                db.collection(mAuth.getUid())
                        .add(menu)
                        .addOnSuccessListener((OnSuccessListener) (documentReference) -> {
//                            docRef = documentReference.getId();
                            //Upload data berhasil;
                            success = true;
                            if (uri != null) {
                                StorageReference ref = storageReference.child("images/" + documentReference.getId());
                                ref.putFile(uri)
                                        .addOnSuccessListener((OnSuccessListener) (taskSnapshot) -> {
                                            Toast.makeText( context: input.this,  text: "Uploaded", Toast.LENGTH_SHORT)
```



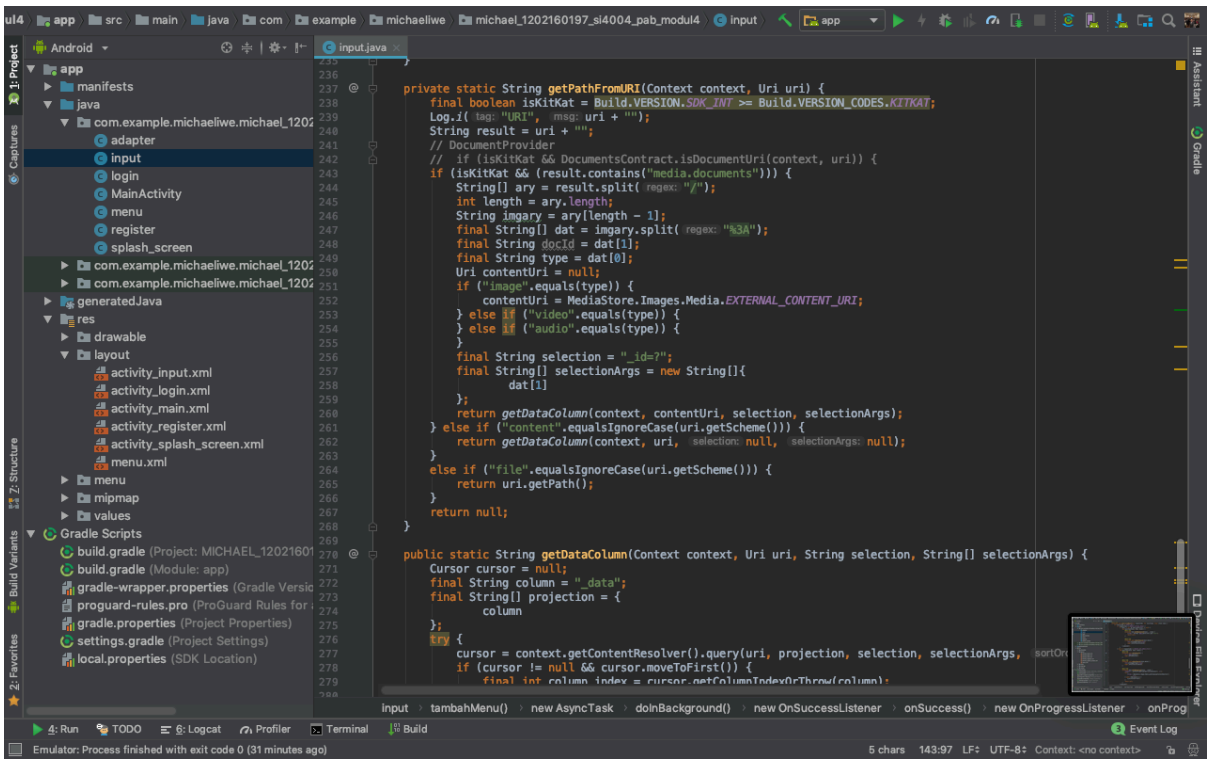
```
@Override
protected Boolean doInBackground(Void... voids) {
    menu.put("NamaMenu", nama.getText().toString());
    menu.put("Harga", harga.getText().toString());
    menu.put("Deskripsi", desk.getText().toString());
    menu.put("Date",new SimpleDateFormat().format(new Date()));


    db.collection(mAuth.getUid())
            .add(menu)
            .addOnSuccessListener((OnSuccessListener) (documentReference) -> {
                docRef = documentReference.getId();
                //Upload data berhasil;
                success = true;
                if (uri != null) {
                    StorageReference ref = storageReference.child("images/" + documentReference.getId());
                    ref.putFile(uri)
                            .addOnSuccessListener((OnSuccessListener) (taskSnapshot) -> {
                                Toast.makeText( context: input.this,  text: "Uploaded", Toast.LENGTH_SHORT
                            })
                            .addOnFailureListener((e) -> {
                                Toast.makeText( context: input.this,  text: "Failed " + e.getMessage(), Toas
                            }).addOnProgressListener(new OnProgressListener<UploadTask.TaskSnapshot>() {
                        @Override
                        public void onProgress(UploadTask.TaskSnapshot taskSnapshot) {
                            Toast.makeText( context: input.this,  text: "Uploading..", Toast.LENGTH_SHORT).show(
                        }
                    });
                }
                finish();
                progressBar.setVisibility(View.GONE);
            });

    return success;
}
}.execute();

}

public void upFireStore() {

}
```



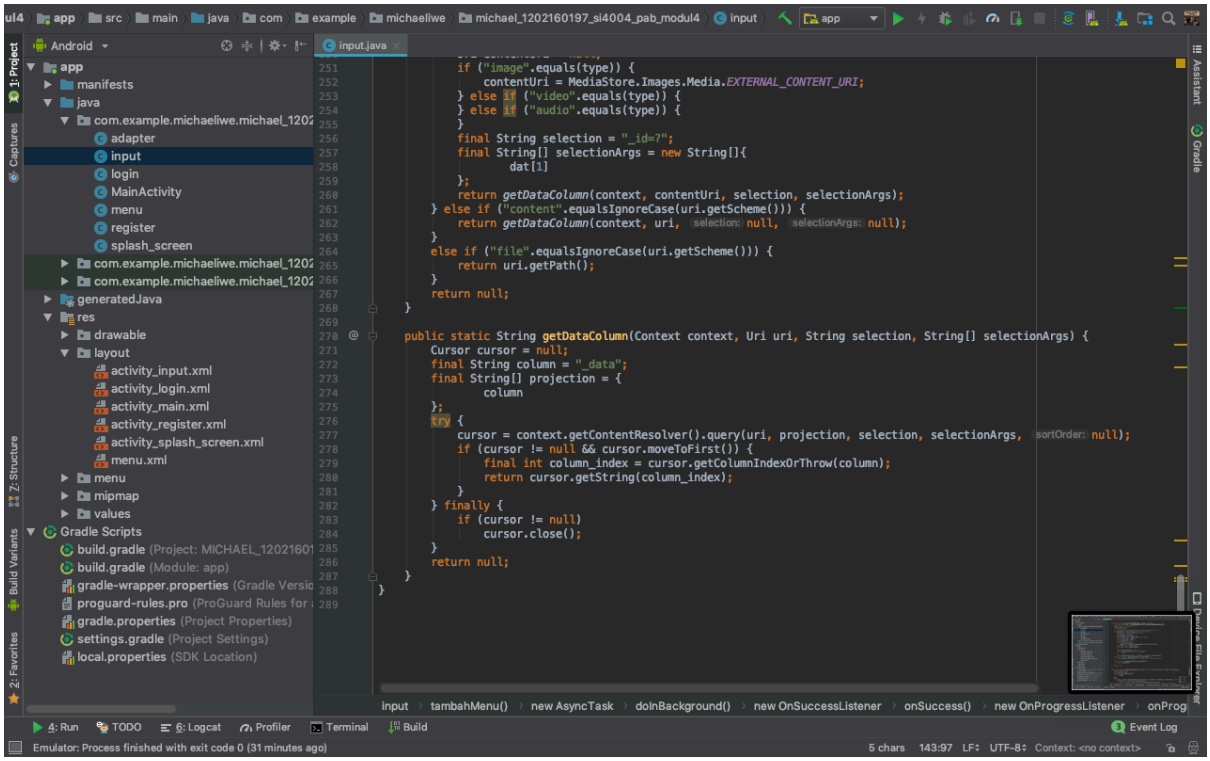
```
public void upFireStore() {

}

public void selectPict(View view) {
    if (ContextCompat.checkSelfPermission( context: input.this,
            Manifest.permission.READ_EXTERNAL_STORAGE)
            != PackageManager.PERMISSION_GRANTED) {

        if (ActivityCompat.shouldShowRequestPermissionRationale( activity: input.this,
                Manifest.permission.READ_EXTERNAL_STORAGE)) {
        } else {
            ActivityCompat.requestPermissions( activity: input.this,
                    new String[]{Manifest.permission.READ_EXTERNAL_STORAGE},
                    REQUEST);


        }
    } else {
        Intent intent = new Intent(Intent.ACTION_GET_CONTENT);
        intent.addCategory(Intent.CATEGORY_OPENABLE);
        intent.setType("image/*");
        startActivityForResult(Intent.createChooser(intent,  title: "Select Picture"),
                REQUEST_GET_SINGLE_FILE);
    }
}

@SuppressLint("StaticFieldLeak")
@Override
protected void onActivityResult(int requestCode, int resultCode, final Intent data) {
    if (resultCode == RESULT_OK) {
        if (requestCode == REQUEST_CAPTURE_IMAGE) {
            if (data != null && data.getExtras() != null) {
                new AsyncTask<Void, Void, Void>() {
                    @Override
                    protected Void doInBackground(Void... voids) {
                        bitmap = (Bitmap) data.getExtras().get("data");
                        return null;
                    }

                    @Override
                    protected void onPostExecute(Void aVoid) {
                        foto.setImageBitmap(bitmap);
                        super.onPostExecute(aVoid);
                    }
```



```
protected void onActivityResult(int requestCode, int resultCode, final Intent data) {
    if (resultCode == RESULT_OK) {
        if (requestCode == REQUEST_CAPTURE_IMAGE) {
            if (data != null && data.getExtras() != null) {
                new AsyncTask<Void, Void, Void>() {
                    @Override
                    protected Void doInBackground(Void... voids) {
                        bitmap = (Bitmap) data.getExtras().get("data");
                        return null;
                    }

                    @Override
                    protected void onPostExecute(Void aVoid) {
                        foto.setImageBitmap(bitmap);
                        super.onPostExecute(aVoid);
                    }
                }.execute();
            }
        } else if (requestCode == REQUEST_GET_SINGLE_FILE) {
            new AsyncTask<Void, Void, Void>() {
                @Override
                protected void onPreExecute() {
                    uri = data.getData();
                    super.onPreExecute();
                }

                @Override
                protected void onPostExecute(Void aVoid) {
                    foto.setImageBitmap(bitmap);
                    super.onPostExecute(aVoid);
                }

                @Override
                protected Void doInBackground(Void... voids) {
                    imagePath = getPathFromURI(getApplicationContext(), uri);
                    try {
                        bitmap = MediaStore.Images.Media.getBitmap(getContentResolver(),
                                uri);
                    } catch (IOException e) {
                        e.printStackTrace();
                    }
                    return null;
                }
            }.execute();
```



```
private static String getPathFromURI(Context context, Uri uri) {
    final boolean isKitKat = Build.VERSION.SDK_INT >= Build.VERSION_CODES.KITKAT;
    Log.i( tag: "URI",  msg: uri + "");
    String result = uri + "";
    // DocumentProvider
    //  if (isKitKat && DocumentsContract.isDocumentUri(context, uri)) {
    if (isKitKat && (result.contains("media.documents"))) {
        String[] ary = result.split( regex: "/");
        int length = ary.length;
        String imgary = ary[length - 1];
        final String[] dat = imgary.split( regex: "%3A");
        final String docId = dat[1];
        final String type = dat[0];
        Uri contentUri = null;
        if ("image".equals(type)) {
            contentUri = MediaStore.Images.Media.EXTERNAL_CONTENT_URI;
        } else if ("video".equals(type)) {
        } else if ("audio".equals(type)) {
        }
        final String selection = "_id=?";
        final String[] selectionArgs = new String[]{
                dat[1]
        };
        return getDataColumn(context, contentUri, selection, selectionArgs);
    } else if ("content".equalsIgnoreCase(uri.getScheme())) {
        return getDataColumn(context, uri,  selection: null,  selectionArgs: null);
    }
    else if ("file".equalsIgnoreCase(uri.getScheme())) {
        return uri.getPath();
    }
    return null;
}

public static String getDataColumn(Context context, Uri uri, String selection, String[] selectionArgs) {
    Cursor cursor = null;
    final String column = "_data";
    final String[] projection = {
            column
    };
    try {
        cursor = context.getContentResolver().query(uri, projection, selection, selectionArgs,
        if (cursor != null && cursor.moveToFirst()) {
            final int column_index = cursor.getColumnIndexOrThrow(column);
```


ul4 app src main java com example michaeliwe michael_1202160197_si4004_pab_modul4 input app
Android
input.java
app
manifests
java
com.example.michaeliwe.michael_1202
adapter
input
login
MainActivity
menu
register
splash_screen
com.example.michaeliwe.michael_1202
com.example.michaeliwe.michael_1202
generatedJava
res
drawable
layout
activity_input.xml
activity_login.xml
activity_main.xml
activity_register.xml
activity_splash_screen.xml
menu.xml
menu
mipmap
values
Gradle Scripts
build.gradle (Project: MICHAEL_12021601
build.gradle (Module: app)
gradle-wrapper.properties (Gradle Versio
proguard-rules.pro (ProGuard Rules for
gradle.properties (Project Properties)
settings.gradle (Project Settings)
local.properties (SDK Location)
if ("image".equals(type)) {
contentUri = MediaStore.Images.Media.EXTERNAL_CONTENT_URI;
} else if ("video".equals(type)) {
} else if ("audio".equals(type)) {
}
final String selection = "_id=?";
final String[] selectionArgs = new String[]{
dat[1]
};
return getDataColumn(context, contentUri, selection, selectionArgs);
} else if ("content".equalsIgnoreCase(uri.getScheme())) {
return getDataColumn(context, uri, selection: null, selectionArgs: null);
}
else if ("file".equalsIgnoreCase(uri.getScheme())) {
return uri.getPath();
}
return null;
}
public static String getDataColumn(Context context, Uri uri, String selection, String[] selectionArgs) {
Cursor cursor = null;
final String column = "_data";
final String[] projection = {
column
};
try {
cursor = context.getContentResolver().query(uri, projection, selection, selectionArgs, sortOrder: null);
if (cursor != null && cursor.moveToFirst()) {
final int column_index = cursor.getColumnIndexOrThrow(column);
return cursor.getString(column_index);
}
} finally {
if (cursor != null)
cursor.close();
}
return null;
}
}
input tambahMenu() new AsyncTask doInBackground() new OnSuccessListener onSuccess() new OnProgressListener onProg
4: Run TODO 6: Logcat Profiler Terminal Build
Event Log
Emulator: Process finished with exit code 0 (31 minutes ago)
5 chars 143:97 LF UTF-8 Context: <no context>