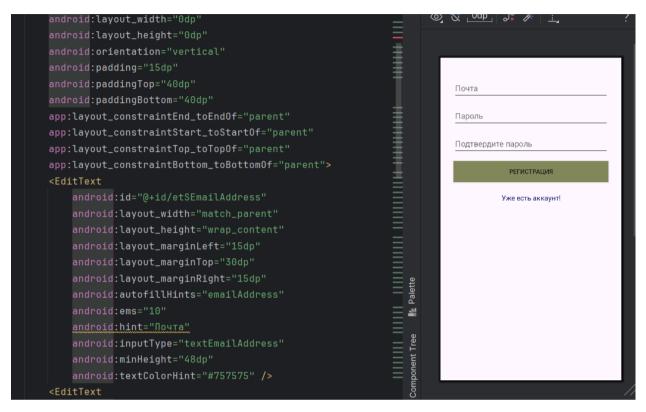
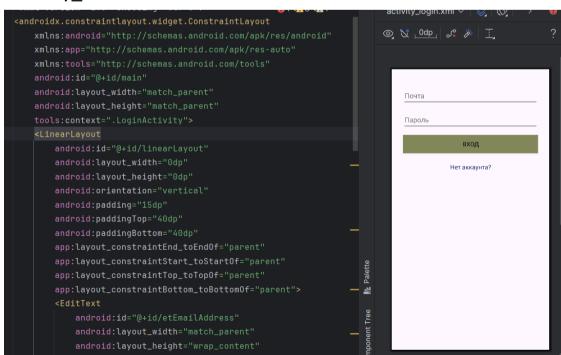
## Работа с базой данных Firebase

- 1.Создал проект в Firebase и связал его с андроид студио
- 2.activity\_main.xml



# 3.Создал Activity login.xml и HomeActivity

# Activity main.xml



### LoginActivity

```
class LoginActivity : AppCompatActivity() {
    lateinit var auth: FirebaseAuth
override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity login)
        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) {
            val systemBars =
                insets.getInsets(WindowInsetsCompat.Type.systemBars())
            v.setPadding(systemBars.left, systemBars.top, systemBars.right,
                systemBars.bottom)
        btnLogin = findViewById(R.id.btnLogin)
        etEmail = findViewById(R.id.etEmailAddress)
        etPass = findViewById(R.id.etPassword)
        auth = FirebaseAuth.getInstance()
        tvRedirectSignUp.setOnClickListener {
            startActivity(intent)
        val email = etEmail.text.toString()
        val pass = etPass.text.toString()
auth.signInWithEmailAndPassword(email,pass).addOnCompleteListener(this) {
            if (it.isSuccessful) {
                     Toast.LENGTH SHORT).show()
                startActivity(intent)
                     Toast.LENGTH SHORT) .show()
        }
```

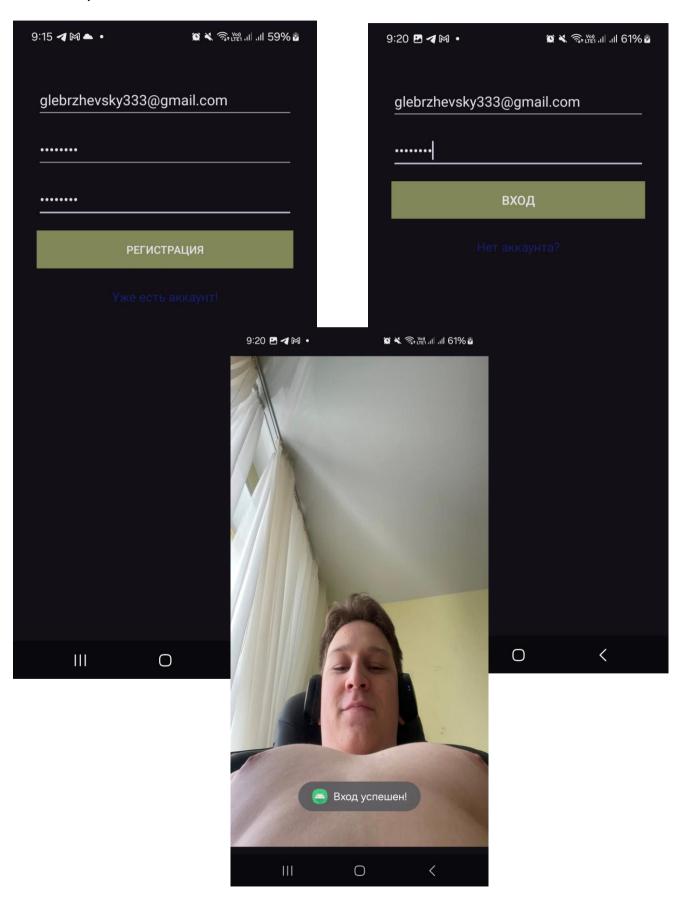
#### 4. Main Activity

```
class MainActivity: AppCompatActivity() {
    // Объявление переменных для пользовательского интерфейса
    lateinit var etEmail: EditText
    lateinit var etConfPass: EditText
    private lateinit var etPass: EditText
    private lateinit var btnSignUp: Button
```

```
override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        enableEdgeToEdge()
        setContentView(R.layout.activity main)
        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main)) {
            val systemBars =
                insets.getInsets(WindowInsetsCompat.Type.systemBars())
            v.setPadding(systemBars.left, systemBars.top, systemBars.right,
                systemBars.bottom)
            insets
        etEmail = findViewById(R.id.etSEmailAddress)
        etConfPass = findViewById(R.id.etSConfPassword)
        etPass = findViewById(R.id.etSPassword)
        btnSignUp = findViewById(R.id.btnSSigned)
        tvRedirectLogin = findViewById(R.id.tvRedirectLogin)
        auth = Firebase.auth
        btnSignUp.setOnClickListener {
            singUpUser()
        tvRedirectLogin.setOnClickListener{
            intent = Intent(this, LoginActivity::class.java)
            startActivity(intent)
        }
        val email = etEmail.text.toString()
        val pass = etPass.text.toString()
        val confPass = etConfPass.text.toString()
                            || pass.isBlank() || confPass.isBlank()) {
        if (email.isBlank()
                Toast.LENGTH SHORT).show()
        if (pass != confPass) {
auth.createUserWithEmailAndPassword(email,pass).addOnCompleteListener(this){
            if (it.isSuccessful) {
успешна", Toast. LENGTH SHORT) . show()
                intent = Intent(this, MainActivity::class.java)
                startActivity(intent)
регистрации", Toast. LENGTH SHORT). show()
```

} }

### 5.Результат



Мой аккаунт отображается в Firebase

