

## Projeto PDM – APP Imc, Combustivel e Apresentação

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```
MainActivity.java x
9
10 <> public class MainActivity extends AppCompatActivity {
11
12     @Override
13     protected void onCreate(Bundle savedInstanceState) {
14         super.onCreate(savedInstanceState);
15         setContentView(R.layout.activity_main);
16
17         Button buttonIMC = findViewById(R.id.button_imc);
18         buttonIMC.setOnClickListener(new View.OnClickListener() {
19             @Override
20             public void onClick(View v) {
21                 Intent intent = new Intent( packageContext: MainActivity.this, ImcActivity.class);
22                 startActivity(intent);
23             }
24         });
25
26         Button button2 = findViewById(R.id.button_combustivel);
27         button2.setOnClickListener(new View.OnClickListener() {
28             @Override
29             public void onClick(View v) {
30                 Intent intent = new Intent( packageContext: MainActivity.this, CombustivelActivity.class);
31                 startActivity(intent);
32             }
33         });
34
35         Button button3 = findViewById(R.id.button_apresentacao);
36         button3.setOnClickListener(new View.OnClickListener() {
37             @Override
38             public void onClick(View v) {
39                 Intent intent = new Intent( packageContext: MainActivity.this, ApresentacaoActivity.class);
40                 startActivity(intent);
41             }
42         });
43     }
44 }
```

```
MainActivity.java x ImcActivity.java x
11
12 <> public class ImcActivity extends AppCompatActivity {
13
14     private EditText editTextPeso, editTextAltura; 3 usages
15     private TextView textViewResultado; 6 usages
16
17     @Override
18     protected void onCreate(Bundle savedInstanceState) {
19         super.onCreate(savedInstanceState);
20         setContentView(R.layout.activity_imc);
21
22         editTextPeso = findViewById(R.id.editText_peso);
23         editTextAltura = findViewById(R.id.editText_altura);
24         textViewResultado = findViewById(R.id.textView_resultado);
25
26         Button buttonCalcular = findViewById(R.id.button_calcular);
27         buttonCalcular.setOnClickListener(new View.OnClickListener() {
28             @Override
29             public void onClick(View v) { calcularIMC(); }
30         });
31
32         Button buttonLimpar = findViewById(R.id.button_limpar);
33         buttonLimpar.setOnClickListener(new View.OnClickListener() {
34             @Override
35             public void onClick(View v) { limparCampos(); }
36         });
37
38         Button buttonVoltar = findViewById(R.id.button_voltar);
39         buttonVoltar.setOnClickListener(new View.OnClickListener() {
40             @Override
41             public void onClick(View v) { finish(); }
42         });
43     }
44 }
```

```
MainActivity.java  ImcActivity.java  CombustivelActivity.java  x
14  public class CombustivelActivity extends AppCompatActivity {
17      private TextView textViewResultado;    6 usages
18      private RadioGroup radioGroupCombustivel;    3 usages
19      private RadioButton radioButtonGasolina, radioButtonAlcool;    2 usages
20
21      @Override
22      protected void onCreate(Bundle savedInstanceState) {
23          super.onCreate(savedInstanceState);
24          setContentView(R.layout.activity_combustivel);
25
26          editTextGasolina = findViewById(R.id.editText_gasolina);
27          editTextAlcool = findViewById(R.id.editText_alcool);
28          textViewResultado = findViewById(R.id.textView_resultado_combustivel);
29          radioGroupCombustivel = findViewById(R.id.radioGroup_combustivel);
30          radioButtonGasolina = findViewById(R.id.radioButton_gasolina);
31          radioButtonAlcool = findViewById(R.id.radioButton_alcool);
32
33          radioGroupCombustivel.setOnCheckedChangeListener((group, checkedId) -> calcularMelhorCombustivel());
34
35          Button buttonLimpar = findViewById(R.id.button_limpar_combustivel);
36          buttonLimpar.setOnClickListener(v -> limparCampos());
37
38          TextView buttonClose = findViewById(R.id.button_close);
39          buttonClose.setOnClickListener(v -> {
40              Intent intent = new Intent(packageContext: CombustivelActivity.this, MainActivity.class);
41              intent.setFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP);
42              startActivity(intent);
43              finish();
44          });
45      }
46
47      private void calcularMelhorCombustivel() { 1 usage
```

```
MainActivity.java  ImcActivity.java  CombustivelActivity.java  ApresentacaoActivity.java  x
9  public class ApresentacaoActivity extends AppCompatActivity {
12      protected void onCreate(Bundle savedInstanceState) {
13          super.onCreate(savedInstanceState);
14          setContentView(R.layout.activity_apresentacao);
15
16          TextView textViewNome = findViewById(R.id.textView_nome);
17          TextView textViewCurso = findViewById(R.id.textView_curso);
18          TextView textViewMatricula = findViewById(R.id.textView_matricula);
19          TextView textViewSemestre = findViewById(R.id.textView_semestre);
20          TextView textViewDisciplina = findViewById(R.id.textView_disciplina);
21          TextView buttonClose = findViewById(R.id.button_close); // 0 "X"
22
23          String nomeAluno = "João Victor";
24          String curso = "Análise e Desenvolvimento de Sistemas";
25          String matricula = "34014063";
26          String semestre = "4º Semestre";
27          String disciplina = "Programação Para Dispositivos Móveis";
28
29          textViewNome.setText("Nome do Aluno: " + nomeAluno);
30          textViewCurso.setText("Curso: " + curso);
31          textViewMatricula.setText("Número de Matrícula: " + matricula);
32          textViewSemestre.setText("Semestre: " + semestre);
33          textViewDisciplina.setText("Disciplina: " + disciplina);
34
35          buttonClose.setOnClickListener(new View.OnClickListener() {
36              @Override
37              public void onClick(View v) {
38                  Intent intent = new Intent(packageContext: ApresentacaoActivity.this, MainActivity.class);
39                  intent.setFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP);
40                  startActivity(intent);
41                  finish();
42              }

```

## XML:



