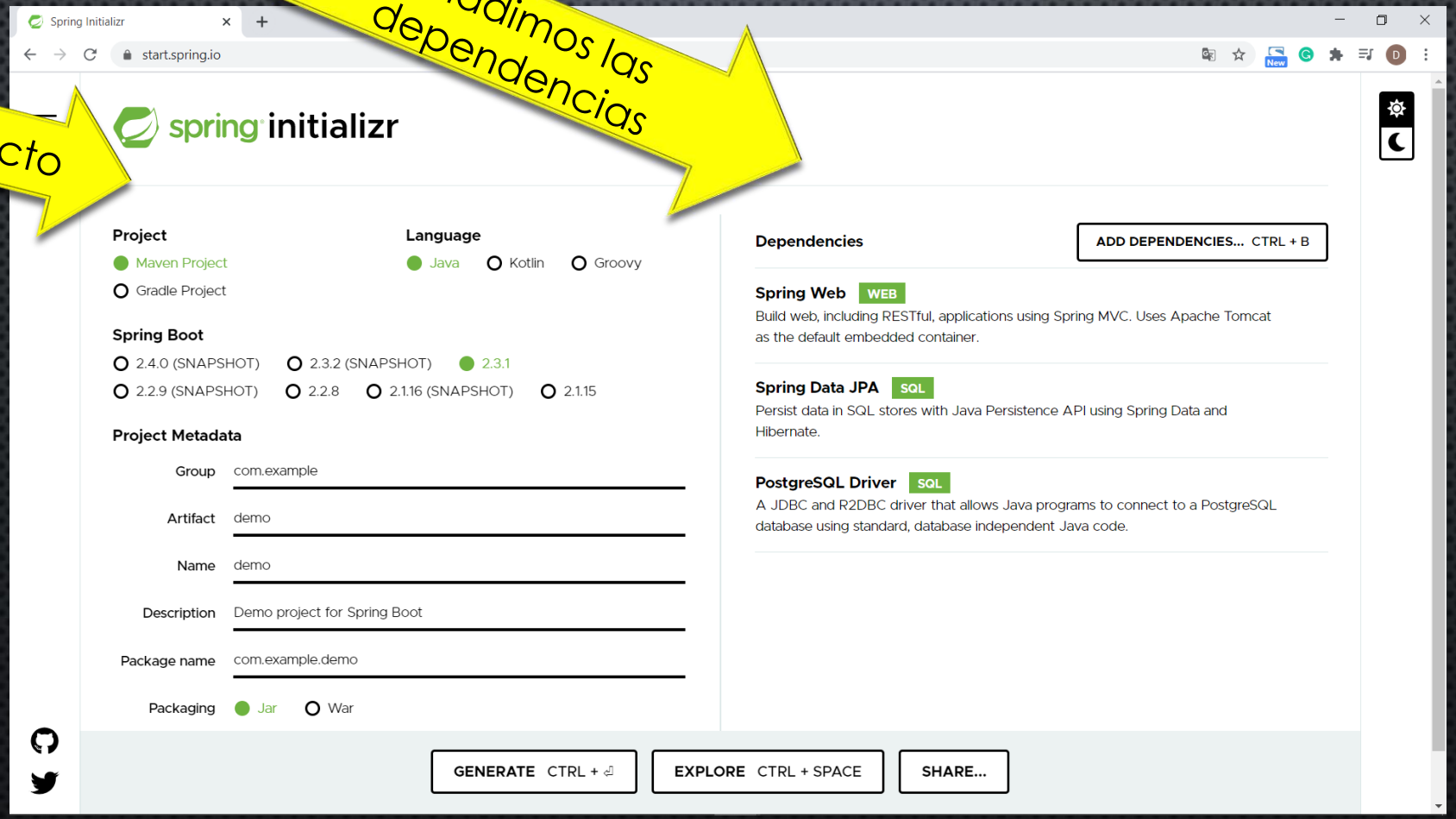
DEFENSA HITO4

Diego Emiliano Rivera Tapia

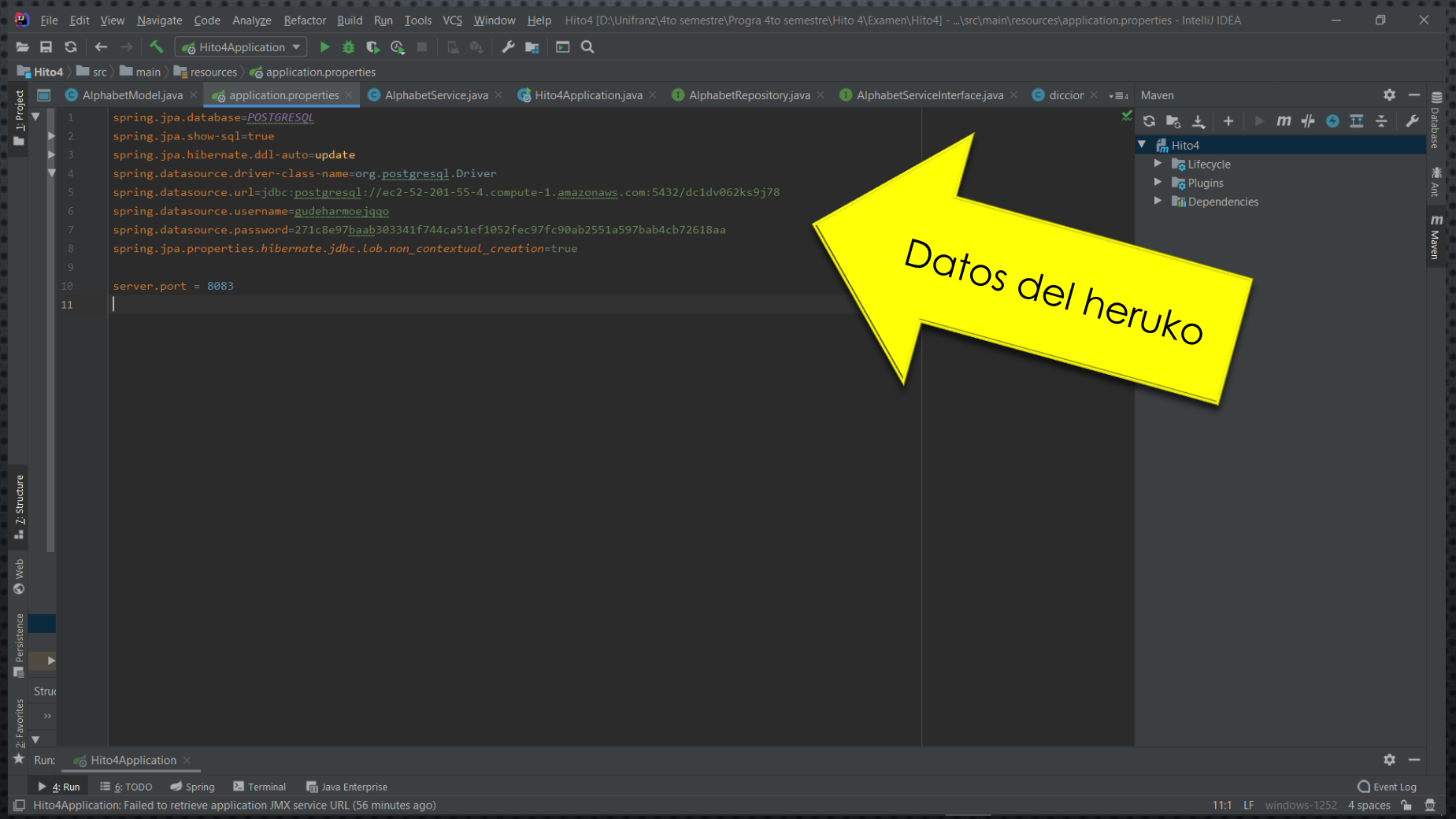
CREAMOS UN PROYECTO EN EL FRAMEWORK SPRING



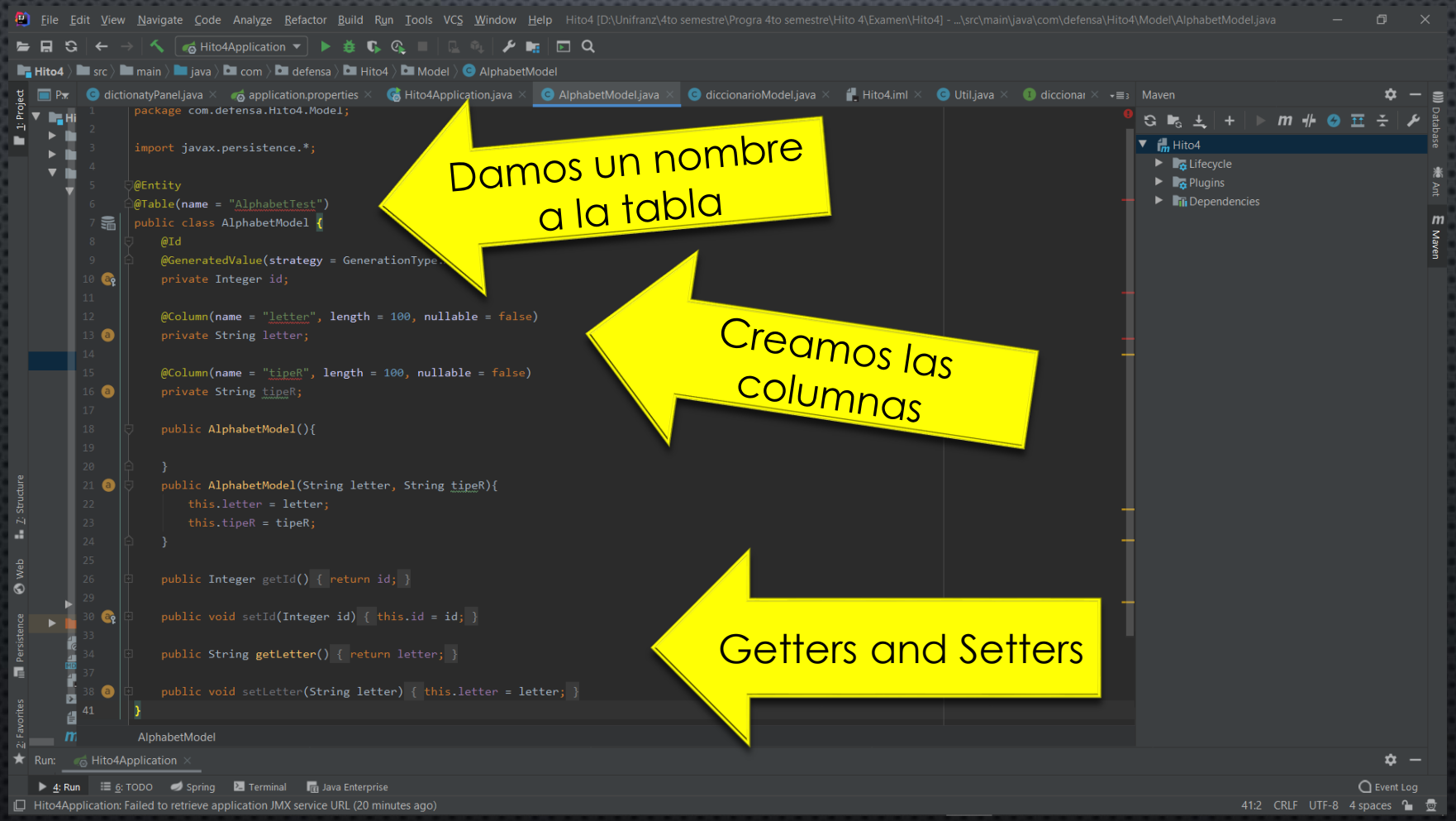
Datos del proyecto

Añadimos las dependencias

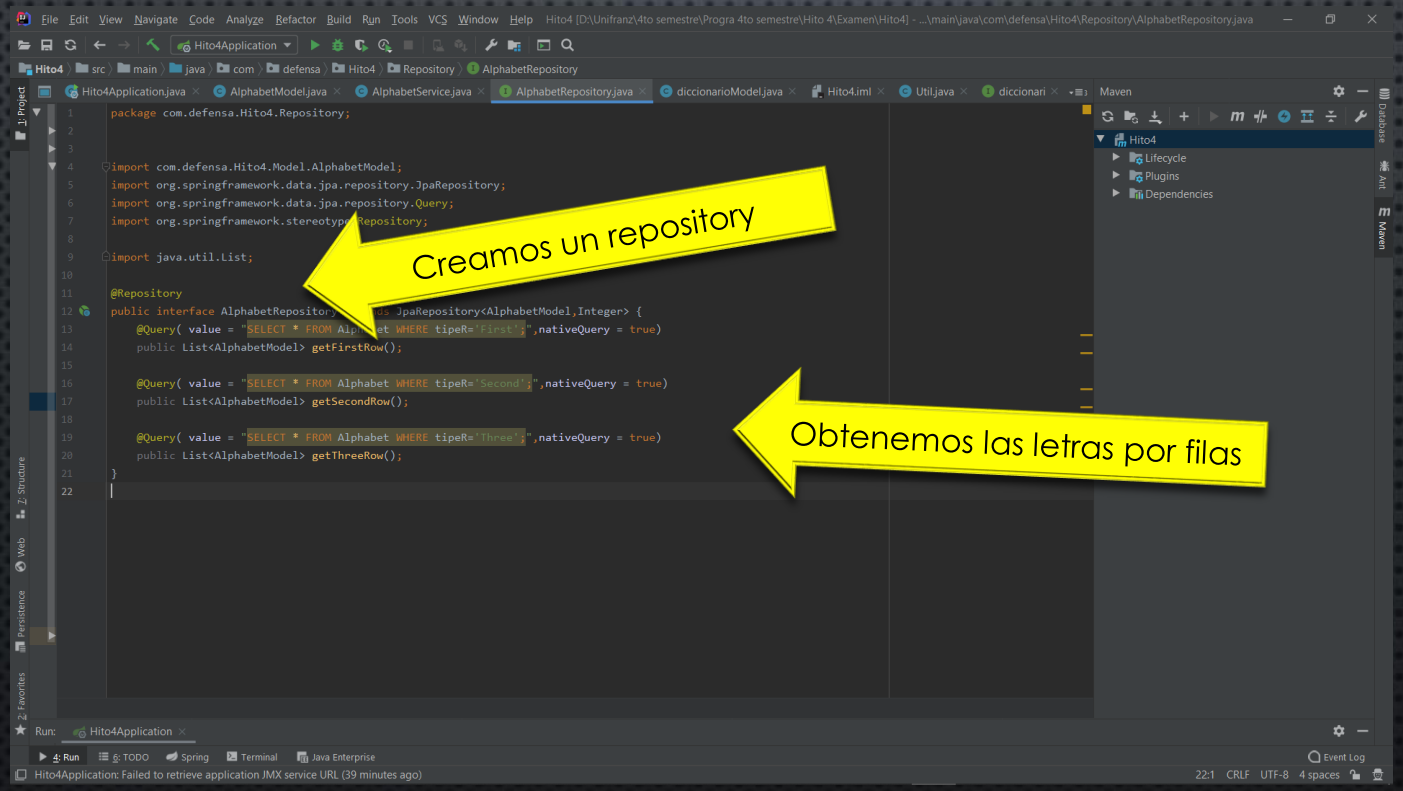
CREAMOS LA CONEXIÓN CON HERUKO Y LA BASE DE DATOS



MODELO: CREAMOS LAS TABLAS PARA LAS LETRAS

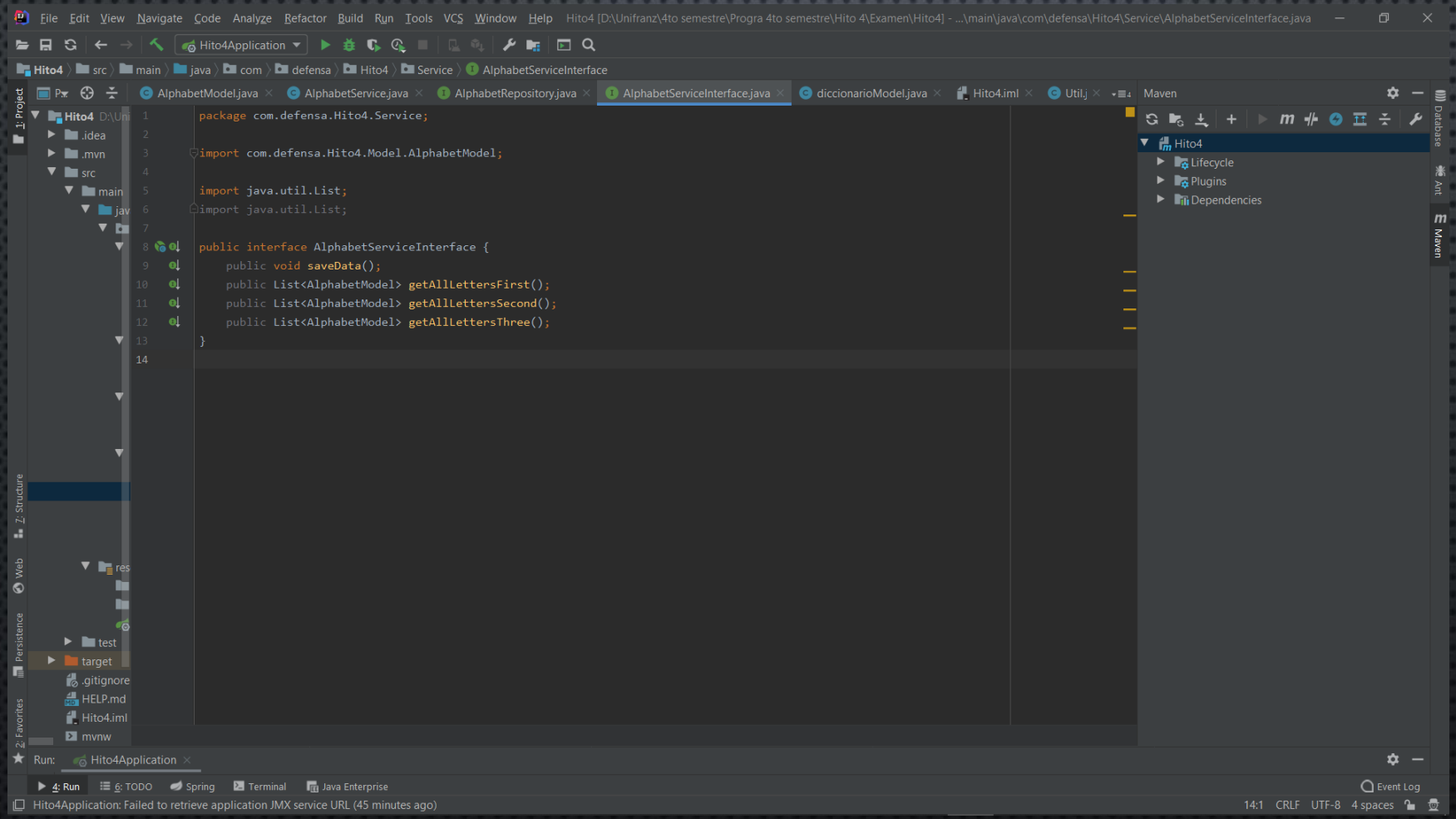


ALPHABETREPOSITORY
CREAMOS EL REPOSITORIO PARA LAS LETRAS



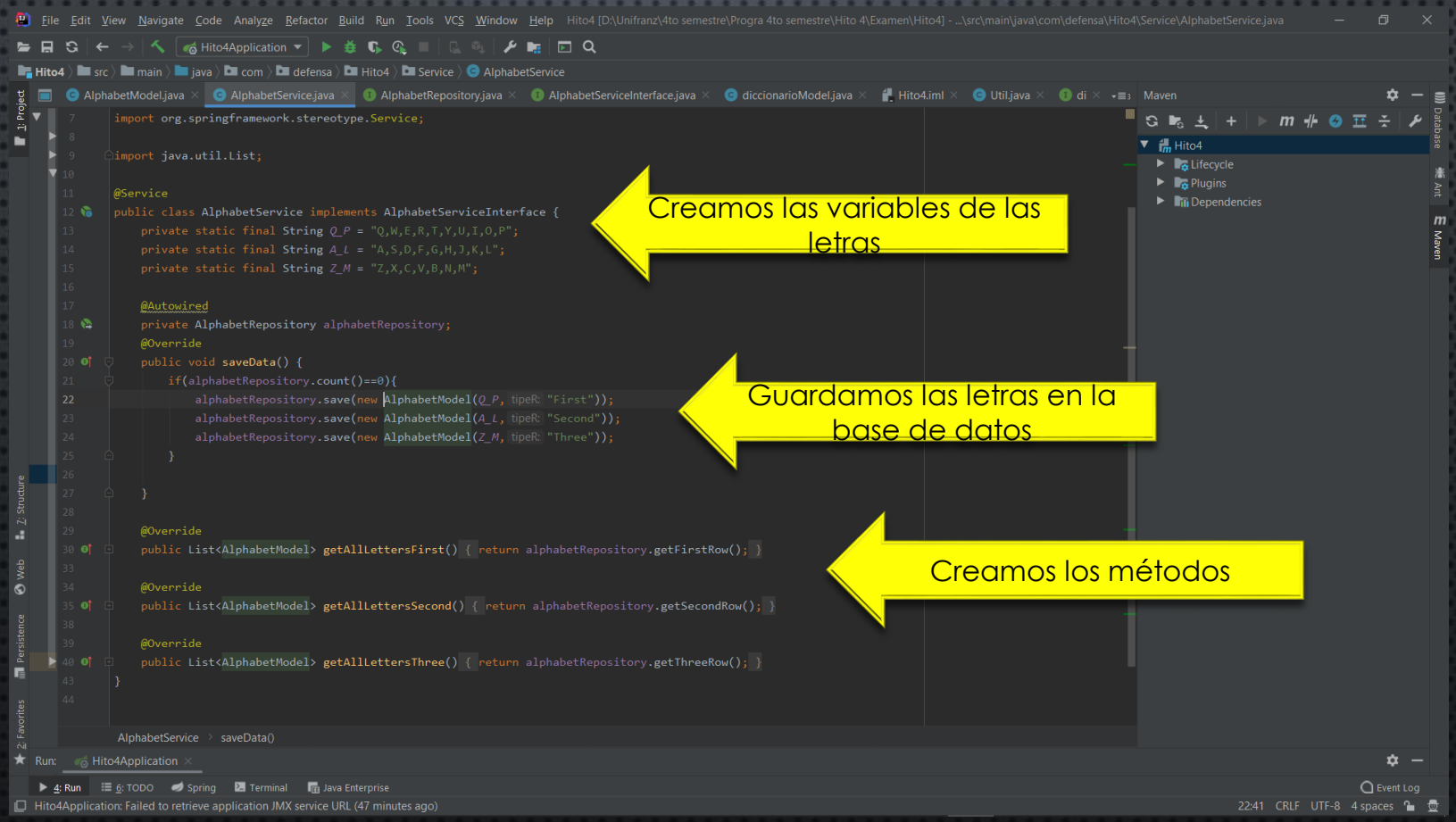
ALPHABETSERVICEINTERFACE

CREAMOS UNA INTERFAZ PARA NUESTRO SERVICIO



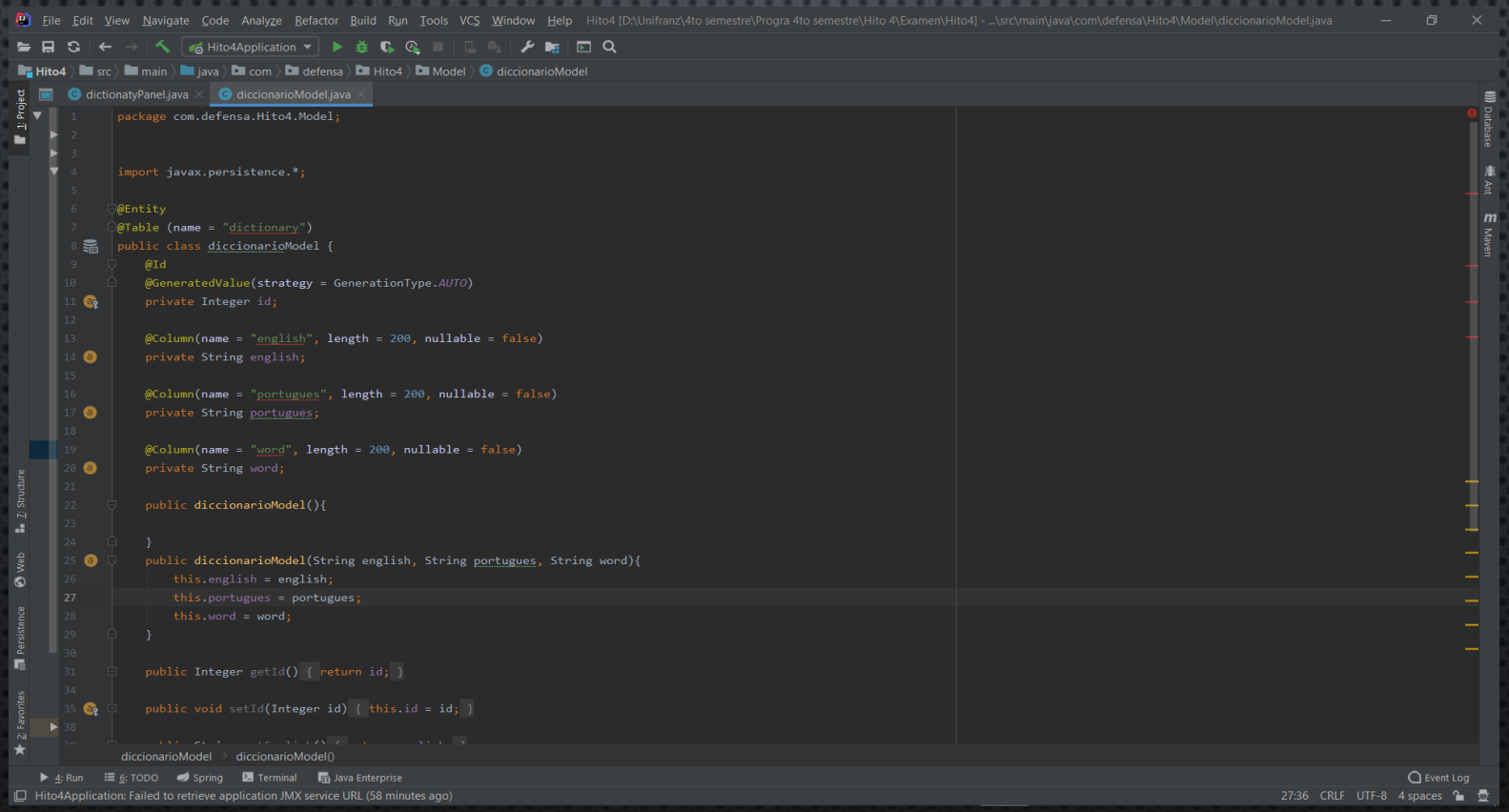
ALPHABET SERVICE

- CREAMOS EL SERVICE PARA LAS LETRAS, Y GUARDAR LOS DATOS EN LA BASE DE DATOS

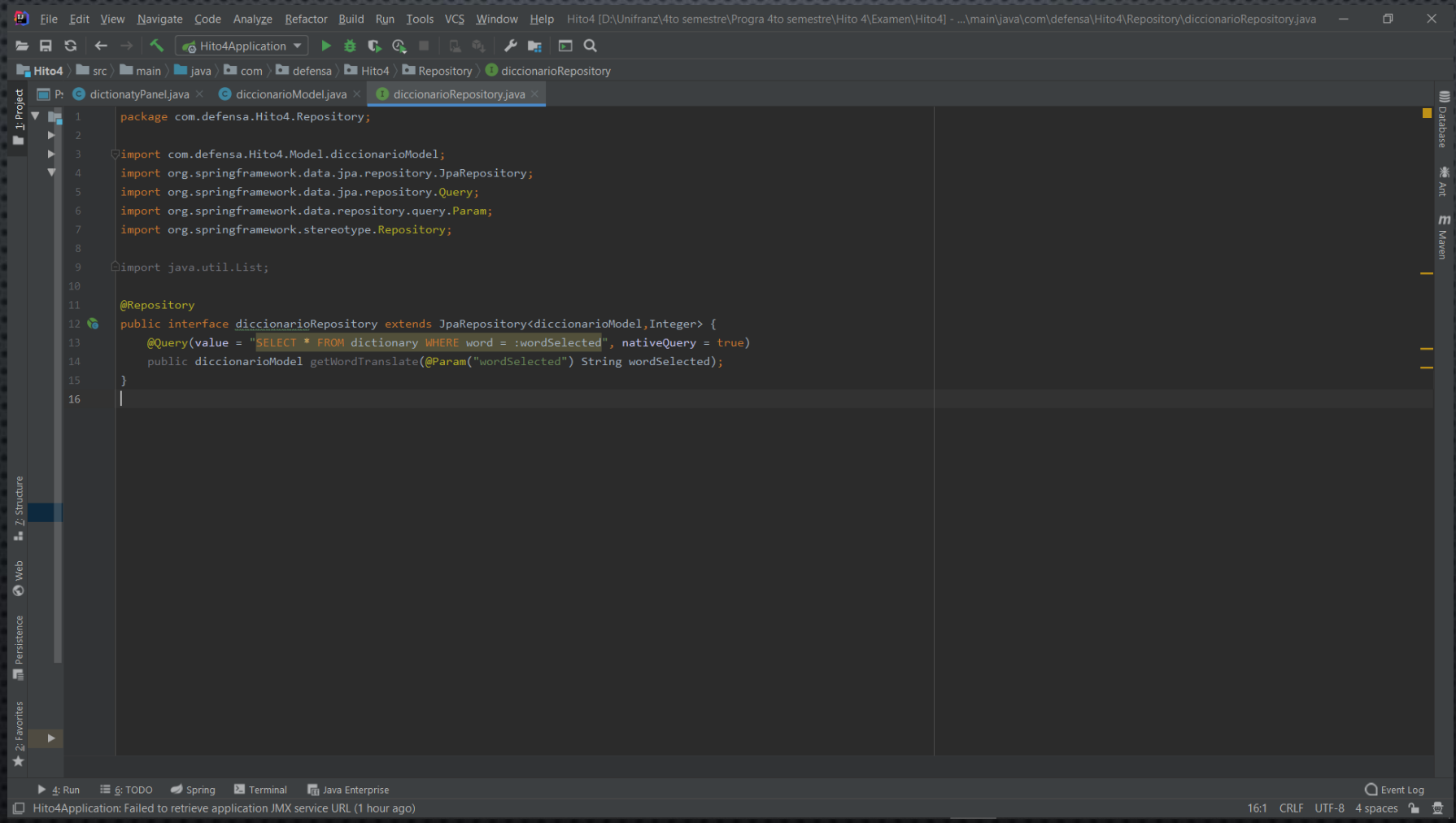


CREAMOS EL MODELO PARA EL DICCIONARIO

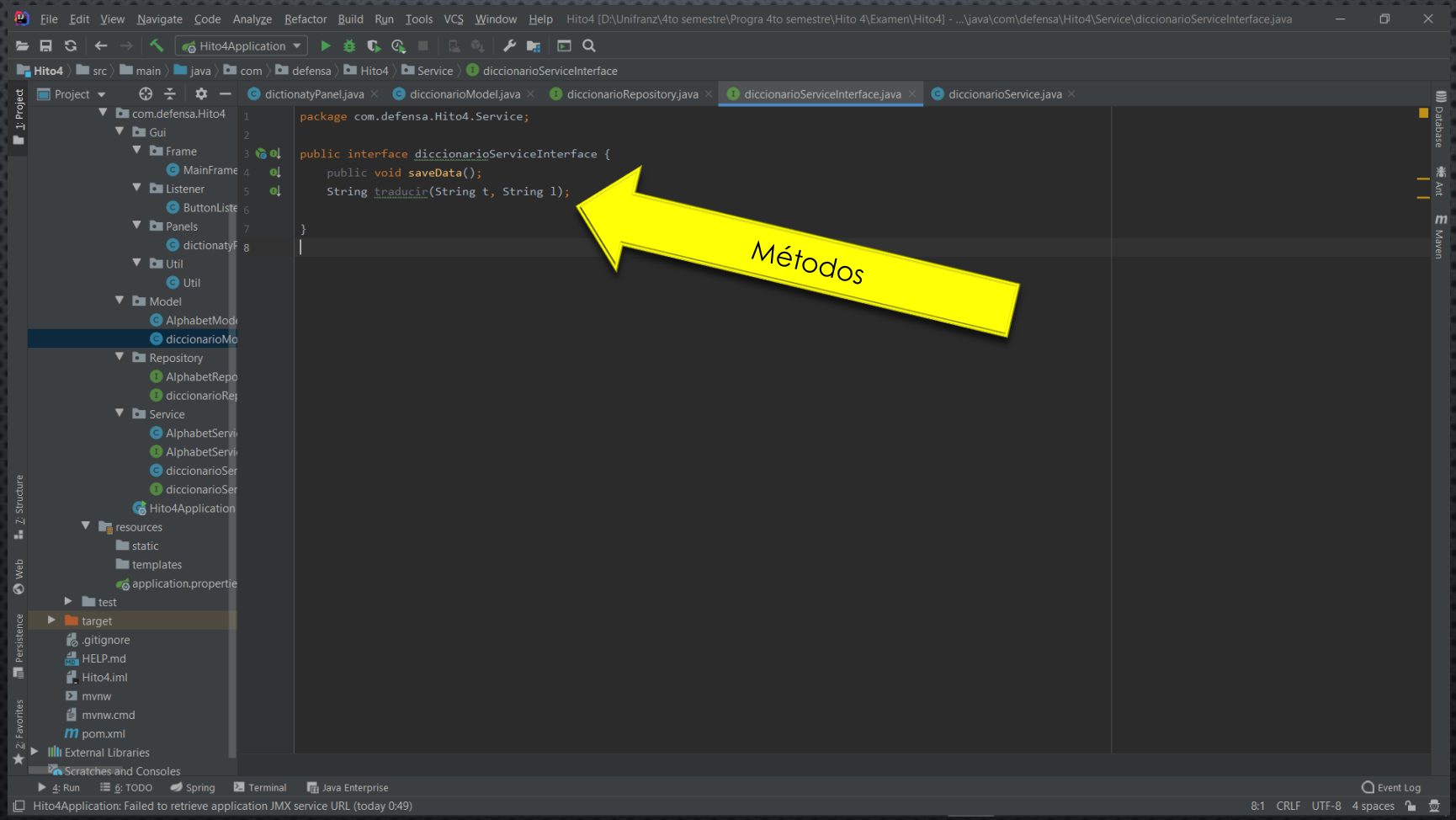
- SEGUIMOS LOS MISMO PASOS QUE PARA LA TABLA LETRAS



CREAMOS EL REPOSITORIO PARA DICCIONARIO



CREAMOS EL INTERFAZ DEL SERVICIO DICCIONARIO



CREAMOS EL SERVICIO PARA EL DICCIONARIO

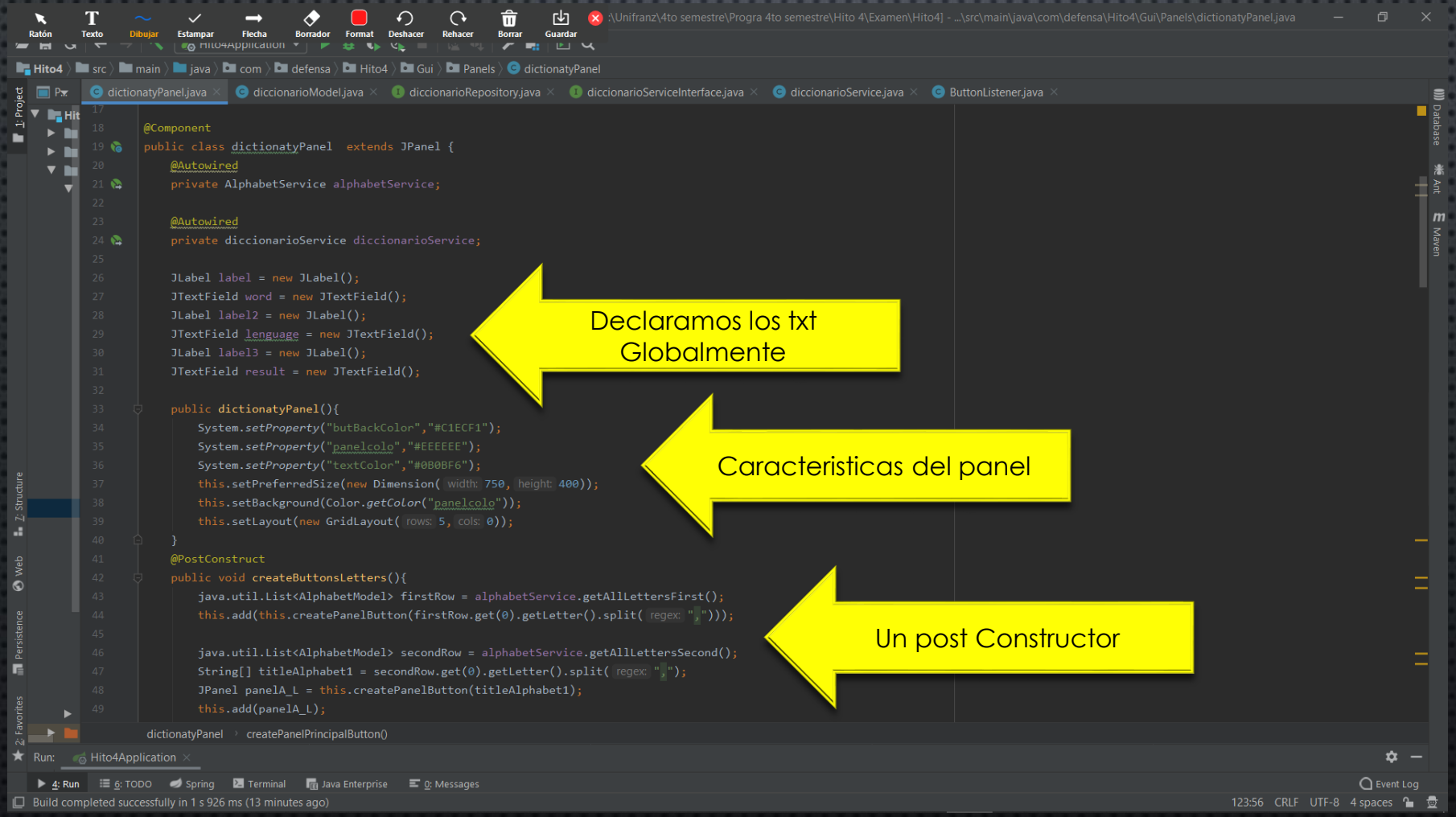
```java
@Service
public class diccionarioService implements diccionarioServiceInterface {
    @Autowired
    private diccionarioRepository dictionaryRepository;
    @Override
    public void saveData() {
        if (dictionaryRepository.count() == 0) {

            dictionaryRepository.save(new diccionarioModel( english: "MONDAY",  portugues: "SEGUNDA-FEIRA", word: "LUNES"));
            dictionaryRepository.save(new diccionarioModel( english: "TUESDAY", portugues: "TERCA-FEIRA" , word: "MARTES"));
            dictionaryRepository.save(new diccionarioModel( english: "WEDNESDAY", portugues: "QUARTA-FEIRA", word: "MIERCOLES"));
            dictionaryRepository.save(new diccionarioModel( english: "THURSDAY", portugues: "QUINTA-FEIRA", word: "JUEVES"));
            dictionaryRepository.save(new diccionarioModel( english: "FRIDAY", portugues: "SEXTA-FEIRA", word: "VIERNES"));
            dictionaryRepository.save(new diccionarioModel( english: "SATURDAY", portugues: "SABADO", word: "SABADO"));
            dictionaryRepository.save(new diccionarioModel( english: "SUNDAY", portugues: "DOMINGO", word: "DOMINGO"));
        }
    }
    @Override
    public String traducir(String t, String l) {
        diccionarioModel dictionaryModel = dictionaryRepository.getWordTranslate(t);
        String ingles = dictionaryModel.getEnglish();
        String ln_i = "INGLES";
        String word = dictionaryModel.getWord();
        String ln_w = "ESPAÑOL";
        String portugues = dictionaryModel.getPortugues();
        String ln_p = "PORTUGUES";
        String traduccion = "";
        if(l.equals(ln_i)){
            traduccion = ingles;
```

Guardamos en la base de datos

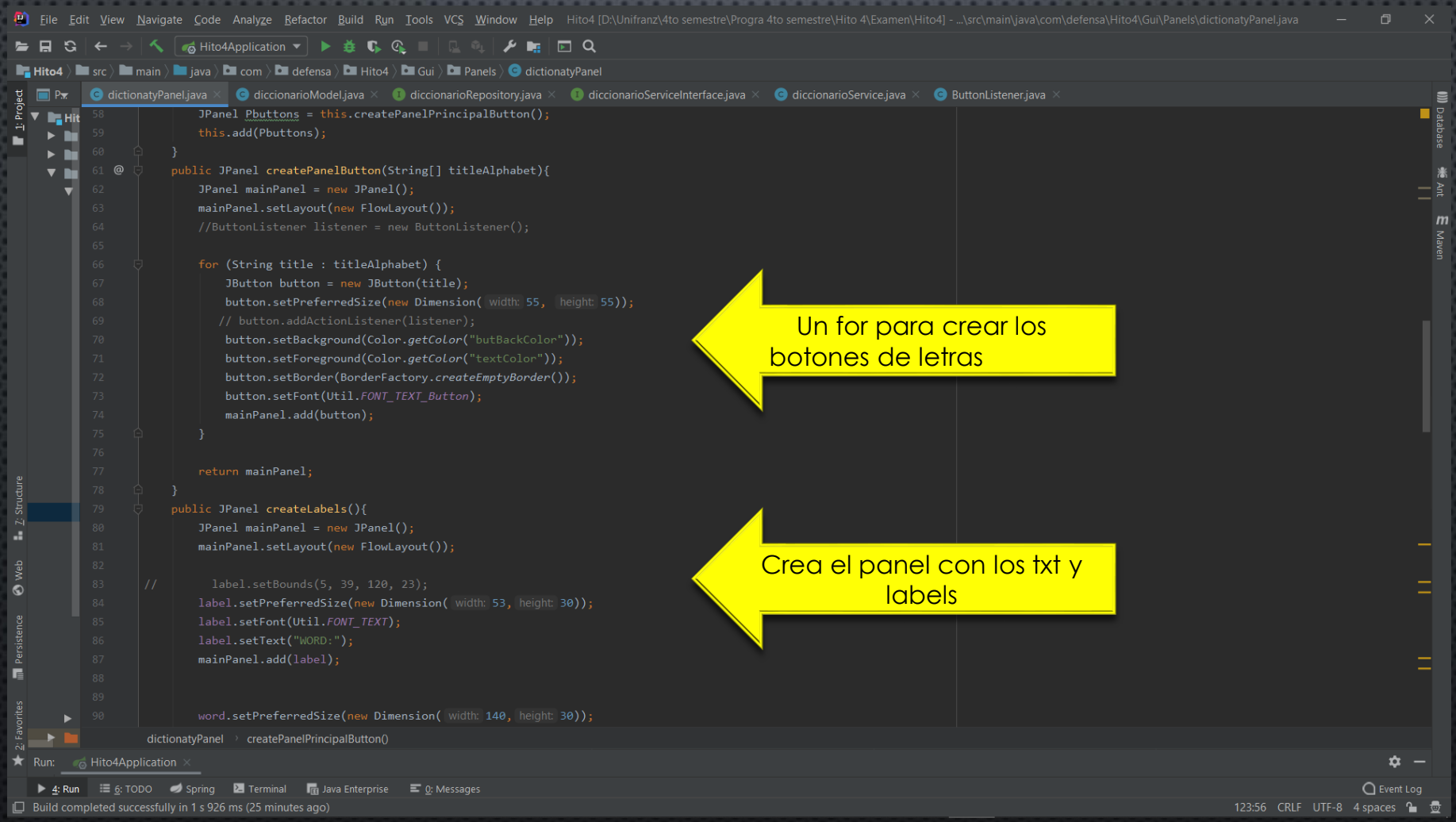
```java
    }
    @Override
    public String traducir(String t, String l) {
        diccionarioModel dictionaryModel = dictionaryRepository.getWordTranslate(t);
        String ingles = dictionaryModel.getEnglish();
        String ln_i = "INGLES";
        String word = dictionaryModel.getWord();
        String ln_w = "ESPAÑOL";
        String portugues = dictionaryModel.getPortugues();
        String ln_p = "PORTUGUES";
        String traduccion = "";
        if(l.equals(ln_i)){
            traduccion = ingles;
        }
        if(l.equals(ln_w)){
            traduccion = word;
        }
        if(l.equals(ln_p)){
            traduccion = portugues;
        }
        return traduccion;
    }
```

Método para tradicir

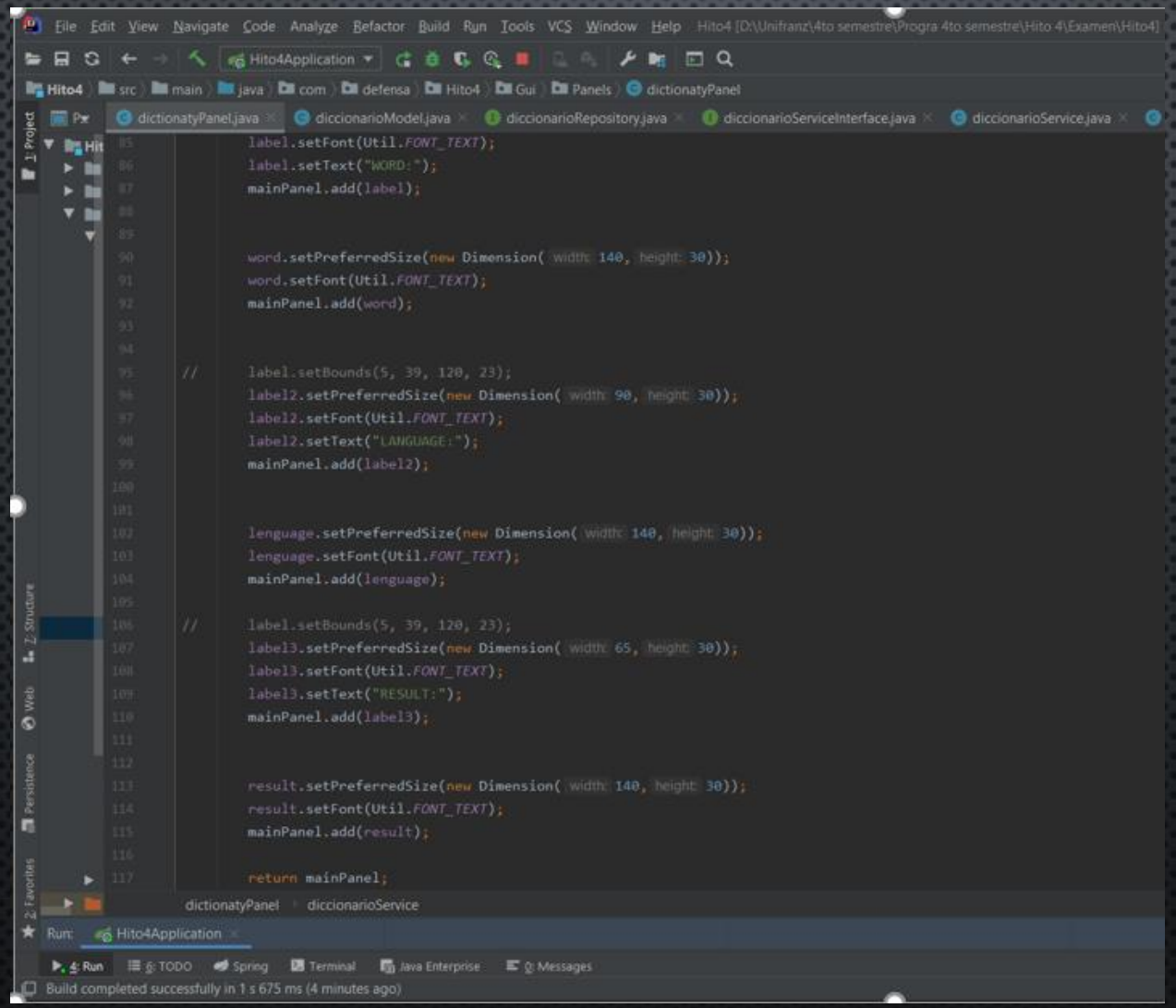
CREAMOS EL DISEÑO DE LOS PANELES



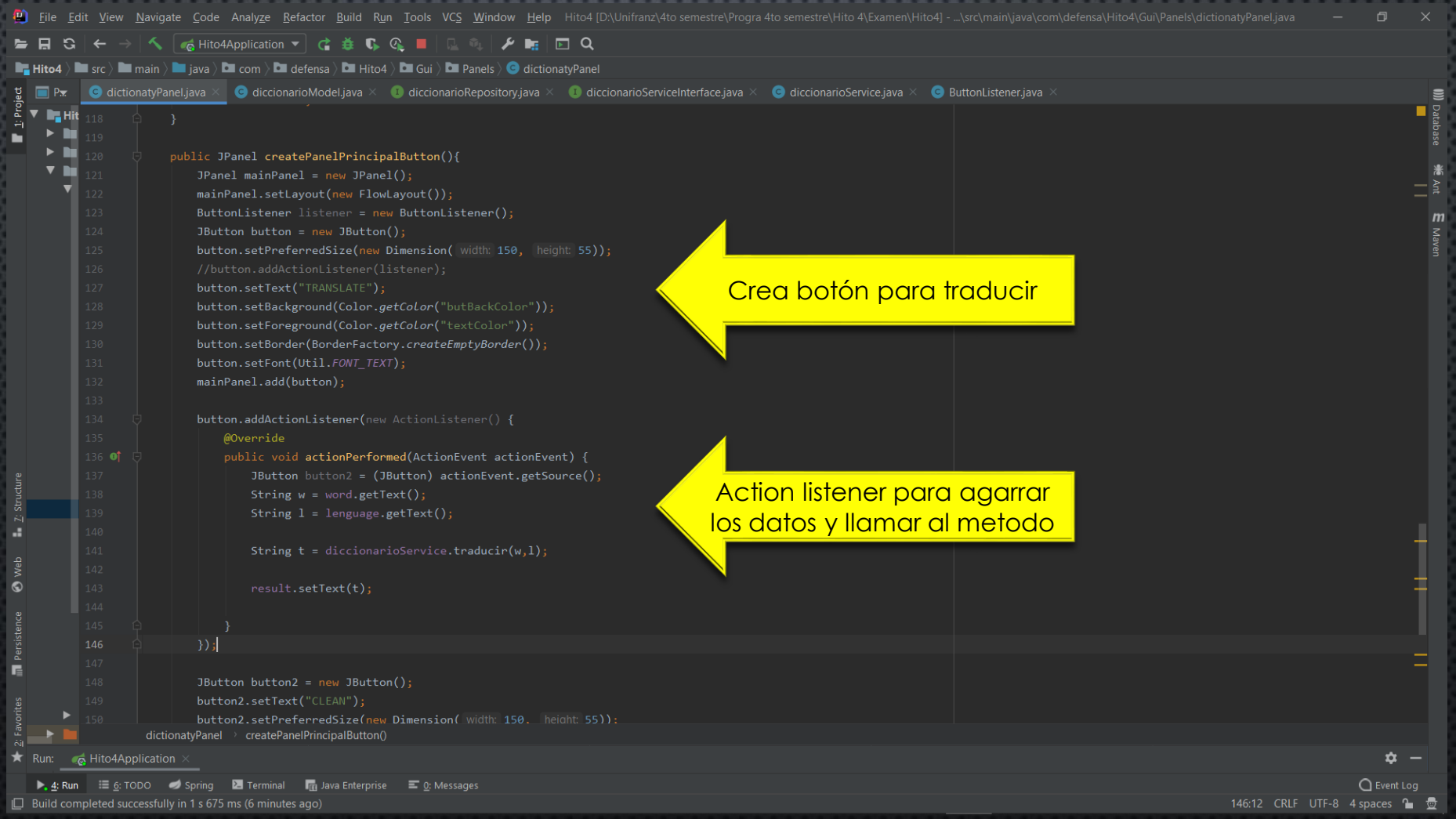
CREAMOS UN PANEL PARA LAS LETRAS

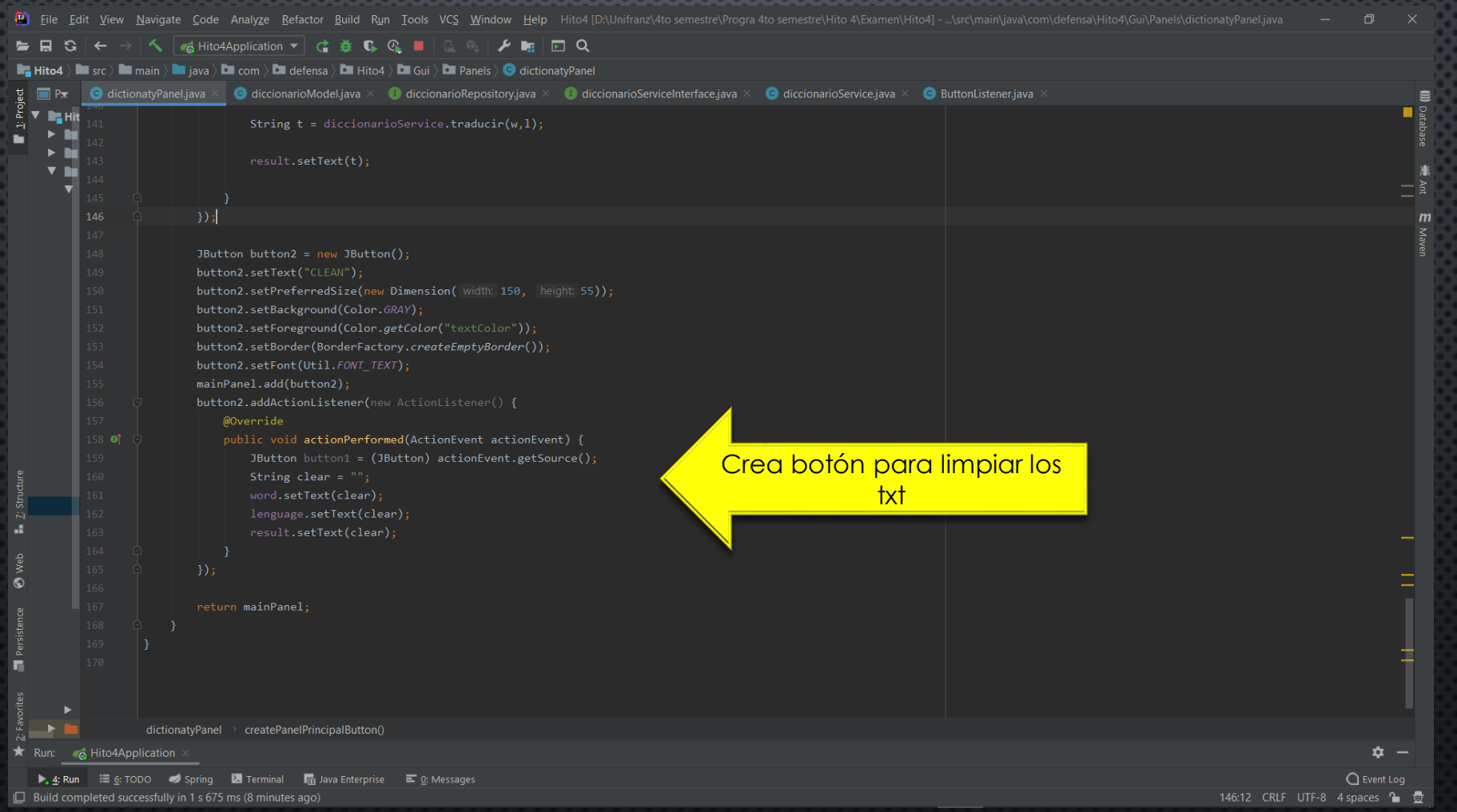


CONTINUA CREANDO LOS LABEL ETC



CREA LOS PANELES DE BOTONES




File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help
Hito4 [D:\Unifranz\4to semestre\Progra 4to semestre\Hito 4\Examen\Hito4] - ...\src\main\java\com\defensa\Hito4\Gui\Panels\dictionatyPanel.java
Hito4Application
Hito4 src main java com defensa Hito4 Gui Panels dictionatyPanel
dictionatyPanel.java
diccionarioModel.java
diccionarioRepository.java
diccionarioServiceInterface.java
diccionarioService.java
ButtonListener.java
String t = diccionarioService.traducir(w,l);
result.setText(t);
}
});
JButton button2 = new JButton();
button2.setText("CLEAN");
button2.setPreferredSize(new Dimension(width: 150, height: 55));
button2.setBackground(Color.GRAY);
button2.setForeground(Color.getColor("textColor"));
button2.setBorder(BorderFactory.createEmptyBorder());
button2.setFont(Util.FONT_TEXT);
mainPanel.add(button2);
button2.addActionListener(new ActionListener() {
@Override
public void actionPerformed(ActionEvent actionEvent) {
JButton button1 = (JButton) actionEvent.getSource();
String clear = "";
word.setText(clear);
lenguage.setText(clear);
result.setText(clear);
}
});
return mainPanel;
}
}
Crea botón para limpiar los txt
dictionatyPanel createPanelPrincipalButton()
Run: Hito4Application
4: Run 6: TODO Spring Terminal Java Enterprise 0: Messages
Event Log
Build completed successfully in 1 s 675 ms (8 minutes ago)
146:12 CRLF UTF-8 4 spaces

EJECUCIÓN


Defensa Hito4 Progra III
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
WORD: LUNES
LANGUAGE: INGLES
RESULT: MONDAY
TRANSLATE
CLEAN


Defensa Hito4 Progra III
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
WORD: MARTES
LANGUAGE: PORTUGUES
RESULT: TERCA-FEIRA
TRANSLATE
CLEAN

END