**Hibernate, JPA – laboratorium**

**Julia Smerdel**

**Zadanie Domowe**

1. Wprowadzenie pojęcia produktu.

Klasa Product:

Text

Description automatically generated

Klasa Main:

Text

Description automatically generatedText

Description automatically generated

Plik konfiguracyjny:

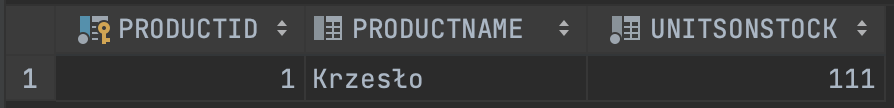
Text

Description automatically generated

Wywołania:

Text

Description automatically generated



1. Wprowadzenie pojęcia dostawcy.

Klasa Supplier:

Text

Description automatically generated

Klasa Product:

Text

Description automatically generated

Text

Description automatically generated

Klasa Main:

Względem punktu 1 zmiana nastąpiła wyłącznie w kodzie zamieszczonym poniżej.

Text

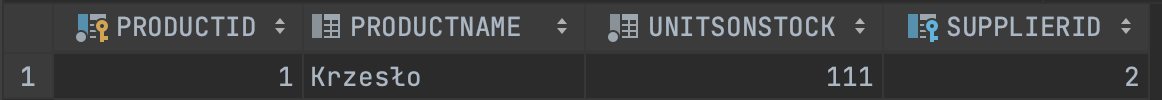
Description automatically generated

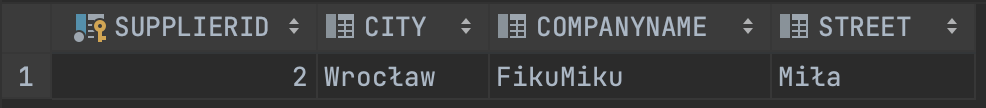
Plik konfiguracyjny hibernate:

Text

Description automatically generated

Wywołanie:





Text

Description automatically generated

1. Odwrócenie relacji.

3a) z tabelą łącznikową

Klasa Product:

Text

Description automatically generated

Klasa Supplier:Text

Description automatically generatedText

Description automatically generated

W pliku konfiguracyjnym hibernate zostało zmienione wyłącznie

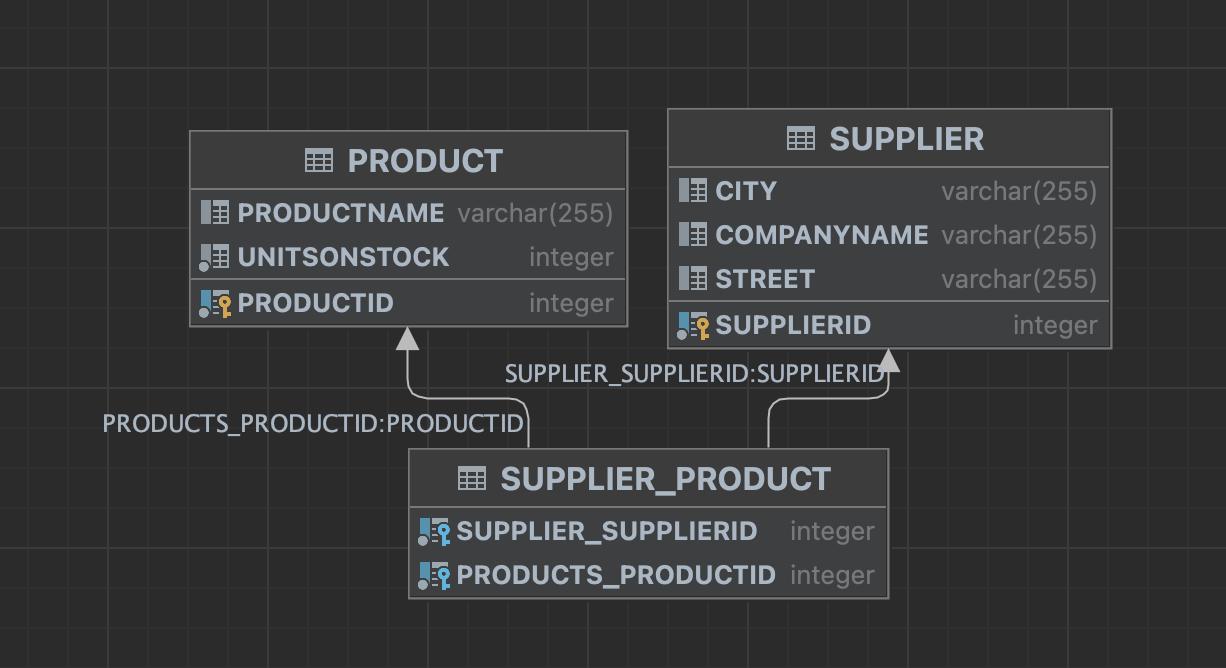
<property name="hibernate.hbm2ddl.auto">create-drop</property>

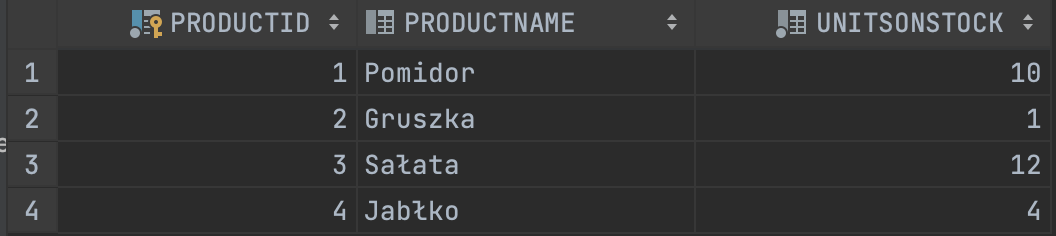
Na create-drop, aby ułatwić wpisywanie danych.

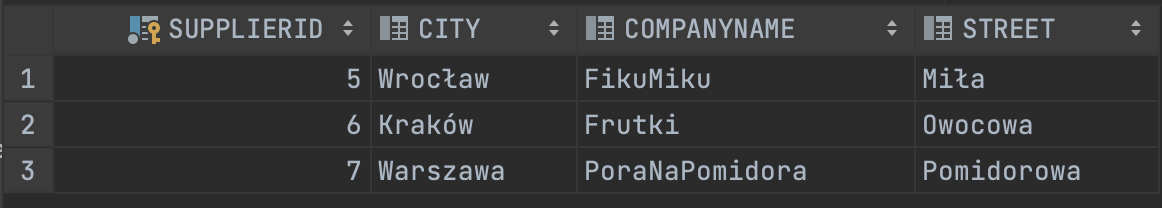
Klasa Main:  
Text

Description automatically generated

Wywołania:



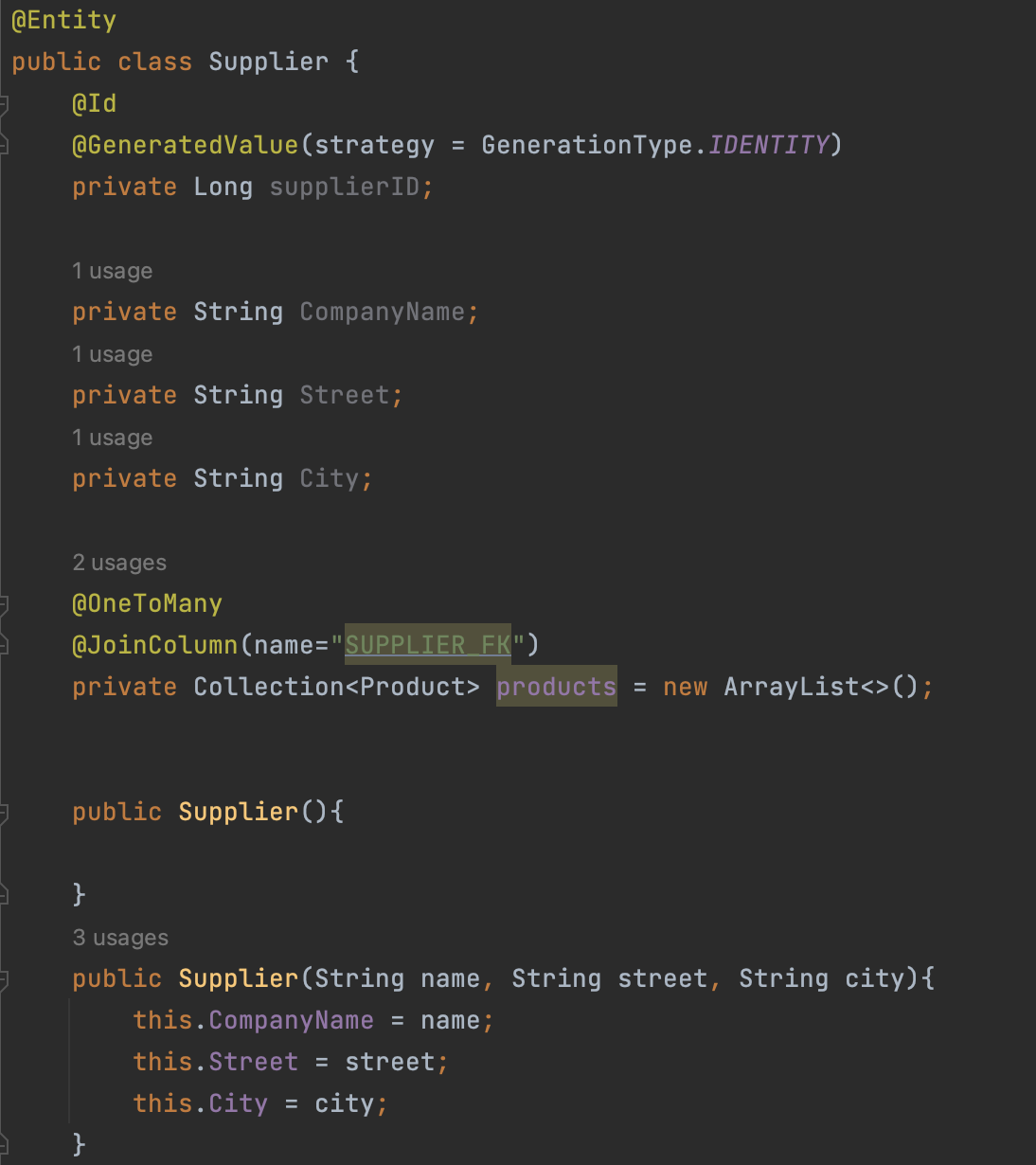




Graphical user interface

Description automatically generated

3b) bez tabeli łącznikowej

Klasa Supplier:  
  
Graphical user interface, text, website

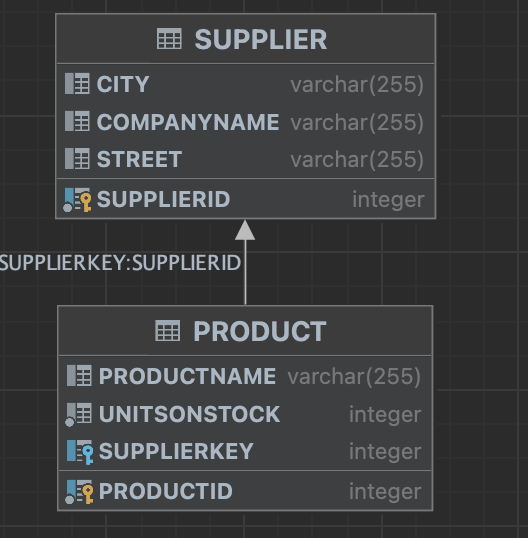
Description automatically generated

Klasa Product:  
Text

Description automatically generated

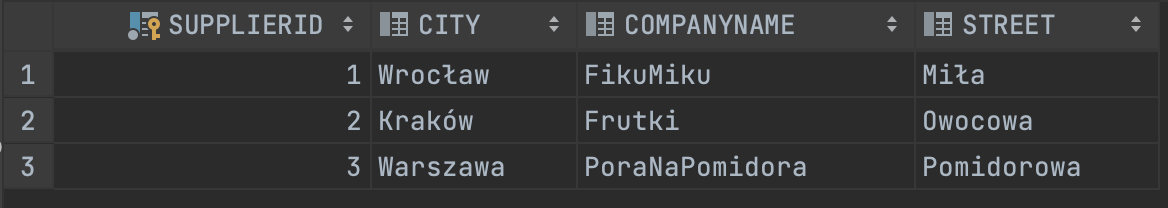
Klasa Main identyczna jak w 3a)

Wywołania:



Graphical user interface, application, Teams

Description automatically generated



1. Relacja dwustronna.

Klasa Supplier  
Text

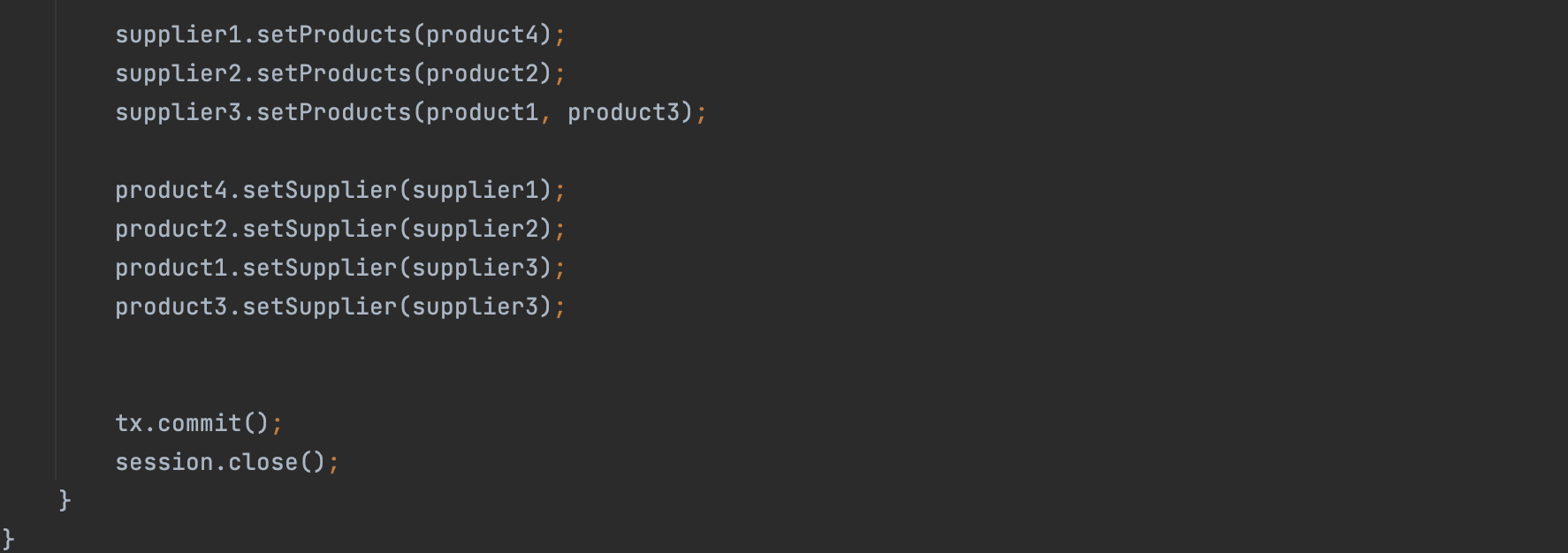
Description automatically generated

Klasa Product:  
Text

Description automatically generated

Klasa Main:  
Text

Description automatically generated



Wywołania:

Text

Description automatically generated

Graphical user interface, application

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

Graphical user interface, application

Description automatically generated

1. Dodanie Category.

Klasa Category:  
Text

Description automatically generated Text

Description automatically generated

Klasa Product:  
Text

Description automatically generated Text

Description automatically generated

Klasa Main:  
Text

Description automatically generated Text

Description automatically generated A screenshot of a computer

Description automatically generated with medium confidence

Wywołania:  
A picture containing timeline

Description automatically generated

Graphical user interface, application, Teams

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application, Teams

Description automatically generated

