# **RAG (Retrieval-Augmented Generation) Results**

**Question:** abstract classes **Search Method:** Cosine

Embedding Model: text-embedding-3-small

Generation Model: gpt-4.1-mini Generated: 2025-07-24 15:25:21

# **Generated Answer**

Sorry, I couldn't generate an answer due to an error.

# **Performance Metrics**

Search Time: 1.1013 seconds

Generation Time: 0.0802 seconds

Total Time: 1.1815 seconds

# **Source Documents**

Source 1

Document: Curs1\_SDJava.pdf

Chunk: 8

Relevance Score: 0.4992

**Content Preview:** rotected din clasa Parinte // -daca clasa Copil se gaseste in acelasi pachet cu Parinte mosteneste si câmpurile ■i // metodele declarate fara un modificator de acces (cel implicit sau package -p...

Source 2

Document: Curs2\_3\_SDJava.pdf

Chunk: 0

Relevance Score: 0.4892

**Content Preview:** Programare Java (2) prof.dr.ing. ■tefan -Gheorghe Pentiuc Modificator CLAS■ METOD■ VARIABIL■ public acces permis tuturor claselorpoate fi apelat■ din orice clas■ poate fi consultat■ / modificat■ din ...

#### Source 3

Document: comparareObiecte.pdf

Chunk: 24

Relevance Score: 0.4509

**Content Preview:** multe implementari anonime ale aceleeasi clase abstracte public class TestClasaAnonima { public static void main(String[] args) { Student stud1 = new Student ("Ionescu"){ ...

#### Source 4

Document: Curs1\_SDJava.pdf

Chunk: 9

Relevance Score: 0.4489

**Content Preview:** ic class Abc { public static void main (String [] args) { C objc = new C(); System .out.println ("\nobjc.i = "+ objc .i+ ", objc.j = "+ objc .j+ ", objc.k = " + objc .k); } } class A { int i=1; publi...

#### Source 5

Document: Curs2\_3\_SDJava.pdf

Chunk: 1

Relevance Score: 0.4366

**Content Preview:** fine■te o clas■ ■ablon (abstract■)metod■ ■ablon (f■r■ a defini corpul func■iei )-static - nu poate fi redefinita in subclase metoda poate fi referirta clasa.metoda () variabil■ global■ obiecte...

# **RAG Process Summary**

This RAG (Retrieval-Augmented Generation) search performed the following steps:

- 1. **Retrieval:** Found 5 most relevant document chunks using cosine similarity with text-embedding-3-small model
- 2. Augmentation: Combined the retrieved content as context
- 3. **Generation:** Used gpt-4.1-mini model to generate a comprehensive answer based on the context

RAG provides more accurate and contextual answers by grounding the AI response in your specific document content. Using separate models for embedding and generation allows for optimized performance in each task.