

Fundamentals of Java

Assignment Questions

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1. what is programing language?

A **programming language** is a system of notation for writing [computer programs](#).^[1] Most programming languages are text-based [formal languages](#), but they may also be [graphical](#). They are a kind of computer language.

2. Why do we need programming language?

. The programing language enables us to write efficient programs and develop online solutions such as- mobile applications, web applications, and games, etc. Programming is used to automate, maintain, assemble, measure and interpret the processing of the data and information. It helps in accelerating the input and output of the devices or applications.

3. What are the feature of java?

1. Simple
2. Object oriented
3. Portable
4. Platform independent
5. Secured
6. Robust
7. High performance
8. Multithreaded
9. Dynamic
10. Distributed

4. What is an object?

Objects are key to understanding *object-oriented* technology. Look around right now and you'll find many examples of real-world objects: your dog, your desk, your television set, your bicycle.

5. What is a class?

A class — in the context of Java — is a template used to create objects and to define object data types and methods.

Classes are categories, and objects are items within each category.

6. Explain about the main() method in java?

The java main method is usually the first method the first method you learn about when you start programming in java because it's the entry point for executing a java program. The main method can execute or call other methods.