**Strongly typed language**

A strongly-typed programming language is one in which each type of data (such as integer, character, etc.) is predefined as part of the programming language and all constants or variables defined for a given program must be described with one of the data types.

A strongly-typed language is one in which variables are bound to specific data types, and will result in type errors if types do not match up as expected in the expression — regardless of when type checking occurs. Python is strong-typed, and so is Java

In Java, when a variable is declared, it must be informed to the compiler what data type the variable stores like integer, float, double or string etc.

For Example, consider the simple code snippet :

int age = 20;

String name = “Tridib";

boolean answer = true;

In this snippet, each variable is declared with the data type. Similarly, an array object must be instantiated with the size of the array.

The Java compiler checks all expressions and parameters to ensure that the types are compatible. Any type mismatches are errors that must be corrected before the compiler will finish compiling the class.

Hence java is a strongly-typed programming language