



lype Checking

The activity of ensuring operands of an operator compatible types. Otherwise a type error is reported

In Java String d; b = (int) as 11 Compiler Error Static Type Checking -Checking type compability at compilation Dynamic Type Checking - Checking compatibility at runtime, Strong Typing — A language design criteria - A language is strongly-typed if type errors are always detected - Type errors can be caught at compiletime or runtime. - Ada is a strongly-typed language (also C# and Java are) X loo see why strong typing is important int a, b; float di Programmer meant to write a+b, but Mistakenly typed 2+d; If the language is strongly

typed it gives a type error.