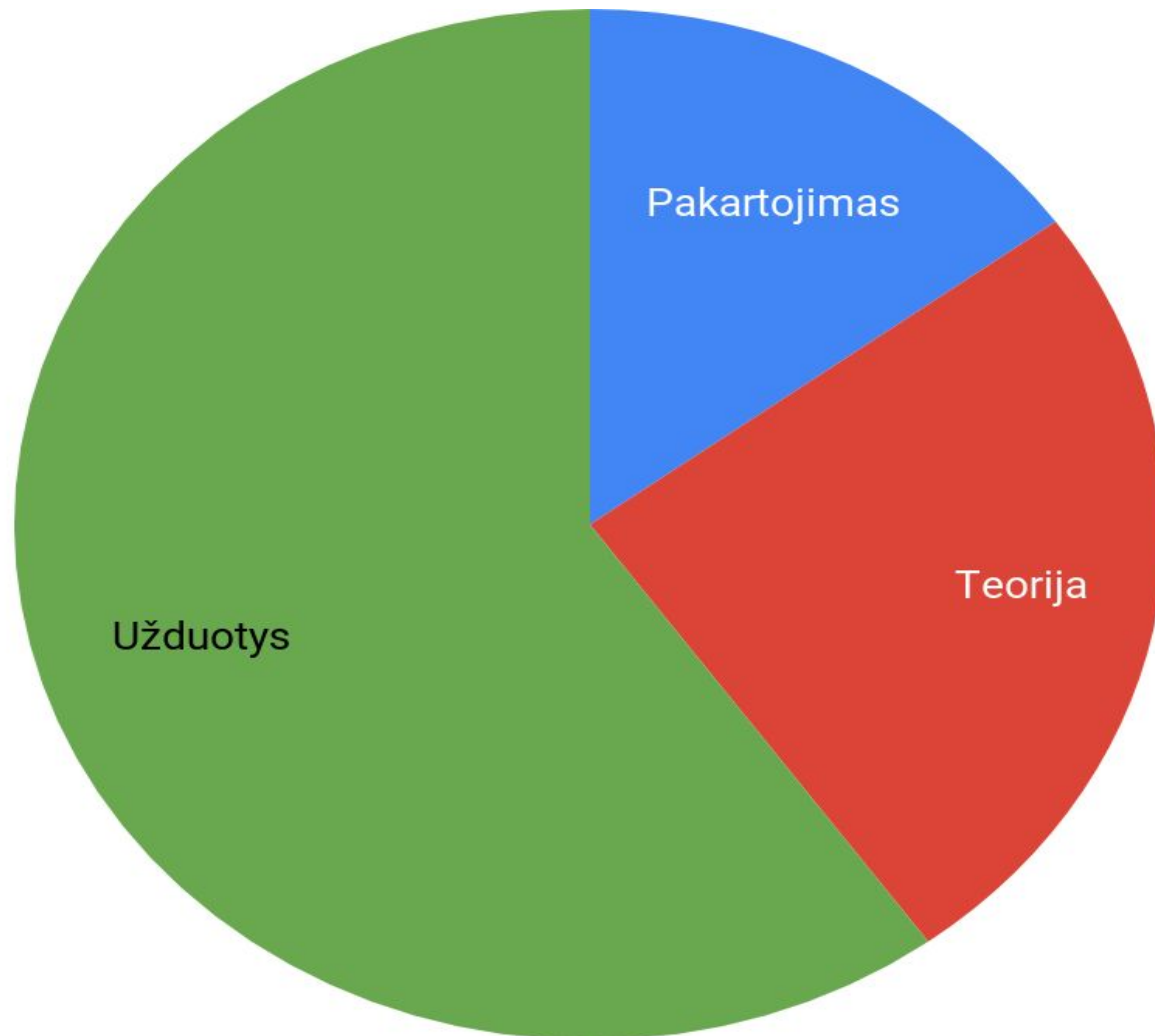




VILNIUSCODINGSCHOOL

# Hello JAVA

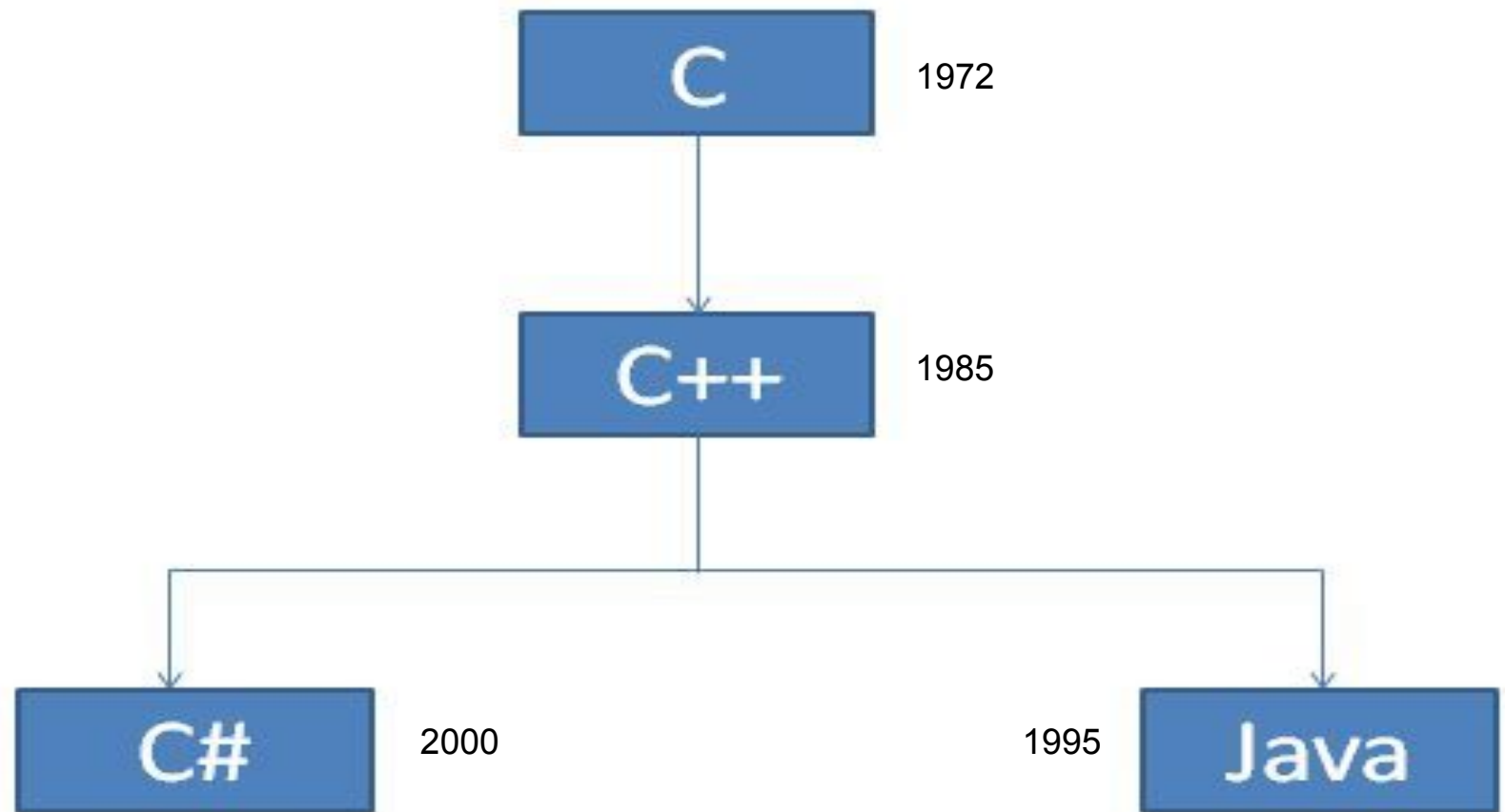
# TIPINĖ PASKAITA



1. INPUT
2. OUTPUT
3. STORAGE
4. PROCESSING



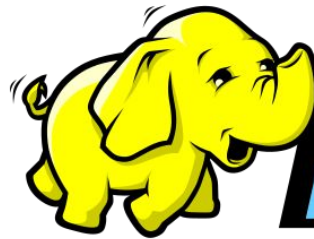
# Java yra: Programavimo kalba



# JAVA NAUDOJA



ANDROID



***hadoop***

**Google**



Spotify®

**ebay**

**NETFLIX**

**Linked** **in**™



# JAVA POPULIARUMAS

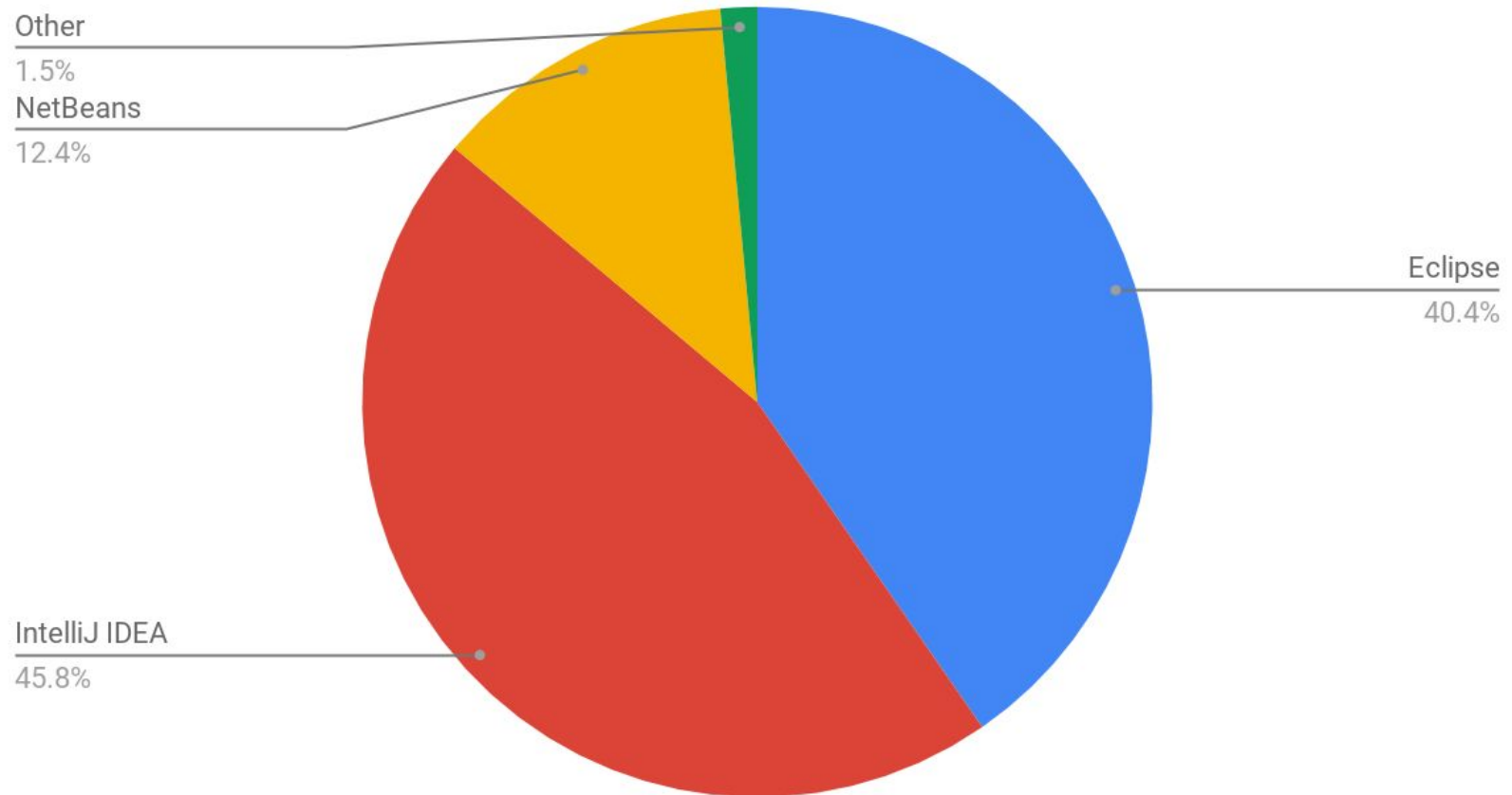
Programming Language	2018	2013	2008	2003	1998	1993	1988
Java	1	2	1	1	16	-	-
C	2	1	2	2	1	1	1
C++	3	4	3	3	2	2	5
C#	4	5	7	11	-	-	-
Python	5	7	6	12	27	16	-
Visual Basic .NET	6	13	-	-	-	-	-
JavaScript	7	9	8	7	20	-	-
PHP	8	6	4	5	-	-	-

# IDE(Programavimo aplinka)

Programa suteikianti įrankius kurti programinę įrangą.

- Kodo editorius
- Debuggeris
- Kompiliatorius

# JAVA IDE's

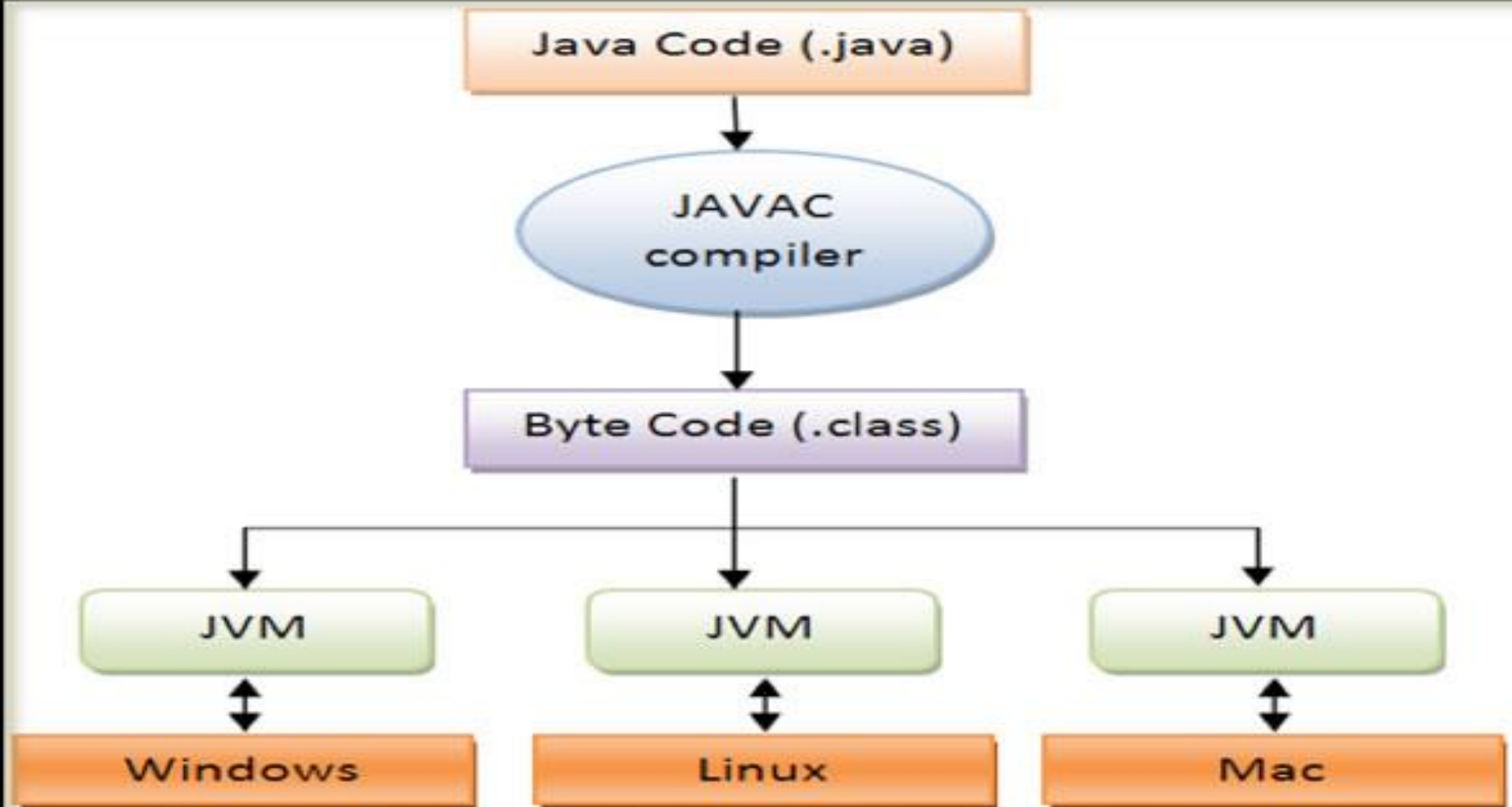




>HELLO WORLD!

>  
\_

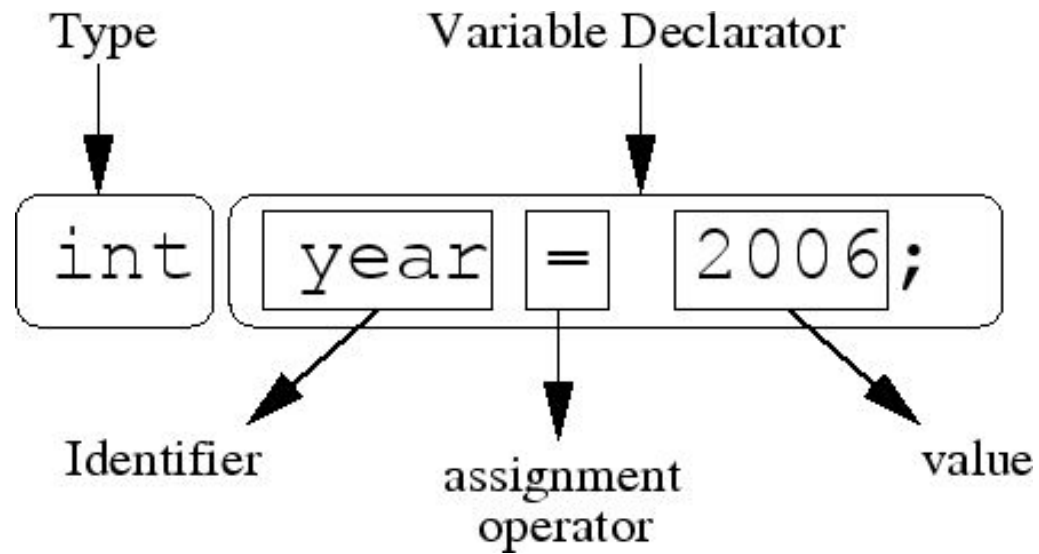
# Java - platforma



# Java duomenų tipai

Type	Size	Range	Default
boolean	1 bit	true or false	false
byte	8 bits	[-128 , 127 ]	0
short	16 bits	[-32,768 , 32,767 ]	0
char	16 bits	['\u0000' , \uffff ] or [0 , 65535]	'\u0000'
int	32 bits	[-2.147.483.648 , 2.147.483.647]	0
long	64 bits	$[-2^{63}, 2^{63}-1 ]$	0
float	32 bits	32-bit 754 floating-point	0.0
double	64 bits	65-bit 754 floating point	0.0
String	-	-	null

# Kintamasis



Operatorių tipas	Operatoriai
Priskyrimo	= += -= *= /=
Aritmetiniai	+ - * / % ++ --
Palyginimo	< <= > >= == !=
Loginiai	&&