

Java Course Review Topics

Vocabulary:

CPU	input device	output device	software	hardware
GUI	digital	analog	bit	byte
machine language	assembly language	high-level language	compiler	interpreter
JDK	IDE	compile-time error	runtime errors	logical error
debugging	object	method	class	encapsulation
operator	operand	polymorphism	parameter	String
int	double	char	boolean	concatenation
abstraction	assignment operator	variable	constant	Unicode character
set				
unary operator	binary operator	casting	instantiation	initialization
dot operator	return type	packages	import declaration	flow of control
conditional statement	loop	relational operators	block statements	nested statements
increment operator	decrement operator	assignment operator	infinite loop	iterator
data declaration	method declaration	method header	visibility	public
private	return type	void	formal parameter	actual parameter
constructor	scope	accessor method	mutator method	method overloading
method signature	method decomposition			

Concepts:

Steps in Problem Solving

In-line comments

Multi-Line comments

Reserved words

Identifier rules

print & println methods

Scanner class (import declaration, & use)

escape sequences

arithmetic operators

operator precedence

creating objects

string class methods

random class functions

math class functions

steps in program development

if statements

if-else statements

while statements

for statements

logical operators

comparing characters

comparing strings

class creation

method creation

do while statements

object creation