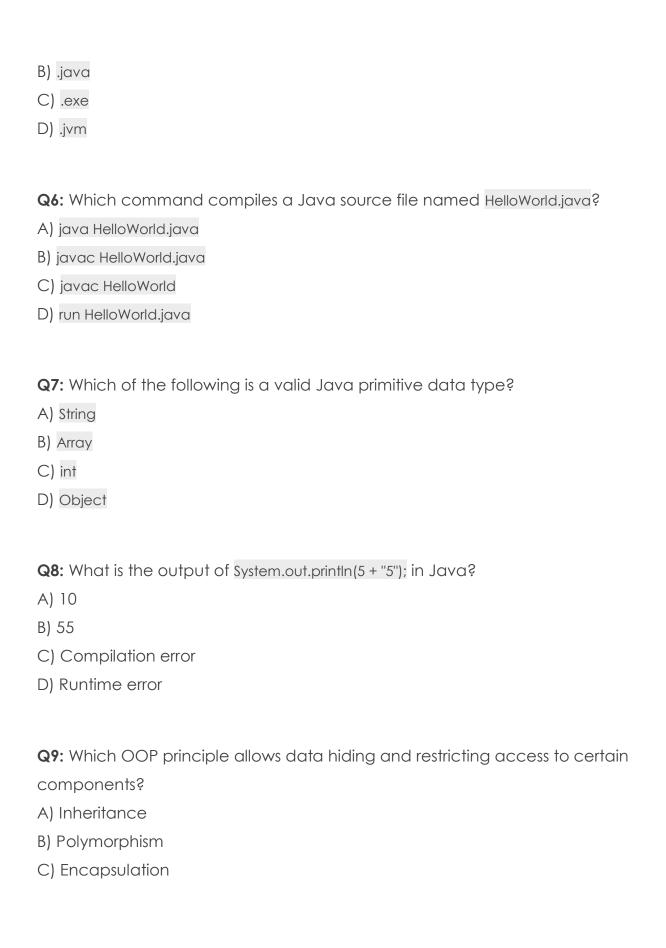**Q1:** Java was originally developed by which company?

A) Microsoft

B) Sun Microsystems

C) Oracle

D) IBM

Q2: Which of the following is NOT a key feature of Java?

A) Platform independence

B) Object-oriented

C) Compiled-only (no interpretation)

D) Automatic memory management

Q3: What does JDK stand for in Java?

A) Java Development Kit

B) Java Deployment Kit

C) Java Debugging Kit

D) Java Design Kit

Q4: Which command is used to check the installed Java version in the command line?

A) java -version

B) javac -version

C) java --check

D) jdk -version

Q5: What is the correct file extension for a Java source file?

A) .class

B) .java

C) .exe

D) .jvm

Q6: Which command compiles a Java source file named HelloWorld.java?

A) java HelloWorld.java

B) javac HelloWorld.java

C) javac HelloWorld

D) run HelloWorld.java

Q7: Which of the following is a valid Java primitive data type?

A) String

B) Array

C) int

D) Object

Q8: What is the output of System.out.println(5 + "5"); in Java?

A) 10

B) 55

C) Compilation error

D) Runtime error

Q9: Which OOP principle allows data hiding and restricting access to certain components?

A) Inheritance

B) Polymorphism

C) Encapsulation

D) Abstraction

Q10: The this keyword in Java refers to:

A) The superclass object

B) The current class instance

C) A static method

D) A constructor parameter