**Subsection 1.1**

HelloWorld.java

public class HelloWorld {

public static void main(String[] args) {

System.out.println("HelloWorld");

}

}

Exercises

1. TenHelloWorld.java

public class TenHelloWorld {

public static void main(String[] args) {

for (int i = 0; i < 10; i++) {

System.out.println("HelloWorld");

}

}

}

1. UseThree.java

public class UseThree {

public static void main(String[] args) {

System.out.print("Hi ");

for (int i = args.length - 1; i > -1; i--) {

if (i == 0) {

System.out.print("and ");

}

System.out.print(args[i]);

if (i > 0)

System.out.print(", ");

else

System.out.println(".");

}

}

}

Web exercises

1. HelloWorldMultilingual.java

public class HelloWorldmultilingual {

public static void main(String[] args) {

System.out.println("Hello World");

System.out.println("xin chào thế giới");

System.out.println("Salut le monde");

System.out.println("Hallo Welt");

System.out.println("Hei maailma");

}

}

1. Initials.java

public class Initials {

public static void main(String[] args) {

System.out.println("\*\*\* \*\*\* \*\*\* \*\*\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("\*\*\*\*\*\* \*\*\* \*\*\* \*\*\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("\*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("\*\*\* \*\*\* \*\*\* \*\*\* \*\*\* \*\*\*");

System.out.println("\*\*\* \*\*\* \*\*\* \*\*\*\*\*\*\*\*\*\*\*\*\*\* \*\*\*");

System.out.println("\*\*\*\* \*\*\*\*\*\* \*\*\* \*\*\* \*\*\*");

System.out.println("\*\*\* \*\*\*\*\*\* \*\*\* \*\*\* \*\*\*");

System.out.println("\*\*\* \*\*\*\*\* \*\*\* \*\*\* \*\*\*");

System.out.println("\*\*\* \*\*\* \*\*\* \*\*\* \*\*\*");

}

}

1. What happens if I omit

Upon compiling (javac), all of them displayed messages

* 1. Main

.\HelloWorld.java:2: error: <identifier> expected

public static void(String[] args) {

^

1 error

* 1. String

.\HelloWorld.java:2: error: illegal start of type

public static void main([] args) {

^

.\HelloWorld.java:2: error: ',', ')', or '[' expected

public static void main([] args) {

^

2 errors

* 1. HelloWorld

.\HelloWorld.java:1: error: <identifier> expected

public class {

^

1 error

* 1. System.out

.\HelloWorld.java:3: error: cannot find symbol

println("HelloWorld");

^

symbol: method println(String)

location: class HelloWorld

1 error

* 1. Println

.\HelloWorld.java:3: error: cannot find symbol

System.out("HelloWorld");

^

symbol: method out(String)

location: class System

1 error

1. What happens if I omit
   1. The ;

.\HelloWorld.java:3: error: ';' expected

System.out.println("HelloWorld")

^

1 error

* 1. The first “

.\HelloWorld.java:3: error: unclosed string literal

System.out.println(HelloWorld");

^

1 error

* 1. The second “

.\HelloWorld.java:3: error: unclosed string literal

System.out.println("HelloWorld);

^

1 error

* 1. The first {

.\HelloWorld.java:1: error: '{' expected

public class HelloWorld

^

.\HelloWorld.java:2: error: class, interface, enum, or record expected

public static void main(String[] args) {

^

.\HelloWorld.java:4: error: class, interface, enum, or record expected

}

^

3 errors

* 1. The second {

.\HelloWorld.java:2: error: ';' expected

public static void main(String[] args)

^

.\HelloWorld.java:5: error: class, interface, enum, or record expected

}

^

2 errors

* 1. The first }

.\HelloWorld.java:5: error: reached end of file while parsing

}

^

1 error

* 1. The second }

.\HelloWorld.java:4: error: reached end of file while parsing

}

^

1 error

1. What happens if i misspell
2. Main

It managed to compile successfully, but when we type java HelloWorld.java, we got an error message:

Error: Main method not found in class HelloWorld, please define the main method as:

public static void main(String[] args)

or a JavaFX application class must extend javafx.application.Application

1. string

Upon compiling, we got an error message:

.\HelloWorld.java:2: error: cannot find symbol

public static void main(Strig[] args) {

^

symbol: class Strig

location: class HelloWorld

1 error

1. HelloWorld

Upon compiling, we got the error message:

.\HelloWorld.java:1: error: class HellWorld is public, should be declared in a file named HellWorld.java

public class HellWorld {

^

1 error

1. System.out

Upon compiling, we got the error message:

.\HelloWorld.java:3: error: package Systm does not exist

Systm.out.println("HelloWorld");

^

1 error

1. Println

.\HelloWorld.java:3: error: cannot find symbol

System.out.prinln("HelloWorld");

^

symbol: method prinln(String)

location: variable out of type PrintStream

1 error

6. Forgot the String[] args