­­­­­­Exercise 1:

Correct program.

Exercise2:

This program having run time error.

When dividing any value by zero in java is not allowed. Due to following error;

“Exception in thread "main" java.lang.ArithmeticException: / by zero

at HelloWorld.main(HelloWorld.java:13)”.

Exercise3:

Sytem.out .println(100/100);

Mistake of spelling is also syntax error. Using wrong spelling is also syntax error.

System.out.println(100/100); is correct.

Exercise4:

Local variable ‘a’ is not initialize in this program.

Variable ‘a’ need initial value e.g a=0.

a,b=5 is not correct initialization, a=5,b=5 is correct initialization.

Exercise5:

Using variable before it is declare is syntax error.

Variable ‘c’ is not declare before in program.