**Errors Exercise**

**Ex1:**

There is no error in this program.

**Ex2:**

//Runtime error occurs.

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

at Ex2.main(Ex2.java:5)\*\*/

**Sol:**We should divide 100 by any number except 0.

**Ex3:**

//There is syntax error

/\*Ex3.java:5: error: package Sytem does not exist\*\*/

**Sol:**System.out.println

**Ex4:**

//Compile time error

/\*Ex4.java:5: error: variable a might not have been initialized

System.out.print(a+" "+b);\*\*/

//We can declare two variabels this way but you can't initialize both of them by just assigning value to one.

**Sol:** int a=15; int b=15;

**Ex5:**

/Syntax error, Variable c not declared.

/\*

Ex5.java:5: error: cannot find symbol

c=a+b;

^

symbol: variable c

location: class Ex5

Ex5.java:7: error: cannot find symbol

System.out.print(c);

^

symbol: variable c

location: class Ex5

2 errors\*\*/

**Sol:** int c;