*Exercise 1*

No problem found

Code is as follow

public class HelloWorld

{

public static void main(String[] args)

{

int a=15;

if (a==15)

{

System.out.print("dsds");

}

}

}

*Exercise 2*

Dividing by zero is a run time error so it will cause the program to crash.

Following is the code given

public class HelloWorld

{

public static void main(String[] args)

{

{

System.out.print(100/0);

}

}

}

It can be cure by replacing zero to any real number

public class HelloWorld

{

public static void main(String[] args)

{

{

System.out.print(100/(anyrealnumber));

}

}

}

*Exercise 3*

Syntax Error Found in the following code

public class HelloWorld

{

public static void main(String[] args)

{

{

Sytem.out.print(100/100);

}

}

}

Corrected version is as Follow

public class HelloWorld

{

public static void main(String[] args)

{

{

System.out.print(100/100);

}

}

}

*Exercise 4*

Compile time error spotted in the following code.

public class HelloWorld

{

public static void main(String[] args)

{

{

int a,b=15;

System.out.print(a+" "+b);

}

}

}

Cure could be the following

public class HelloWorld

{

public static void main(String[] args)

{

{

int a=15,b=15;

System.out.print(a+" "+b);

}

}

}

*Exercise 5*

Following are the Syntax errors spotted

1. Main is not static
2. And c is not declared

public class HelloWorld

{

public void main(String[] args)

{

{

int a=15;

int b = 16;

c=a+b;

System.out.print(c);

}

}

}

Corrected code is as follow

public class HelloWorld

{

public static void main(String[] args)

{

{

int a=15;

int b = 16;

int c=a+b;

System.out.print(c);

}

}

}