1.-Can you spot the compile-time error in the following Java program?

```java
import java.io.*;
public class test {
public static void main(String[] args) {
try {
FileReader fr = new FileReader("data.txt"); }
catch(IOException e){}
try {
fr.close();
}
catch(IOException e){}
}
}
```

Answer: The error is that 'fr' is declared inside the first try block, so it is considered a block variable and the second try doesn't know what 'fr' is.

2.-What will be the output of the program?

```java
try
{
int x = 0;
int y = 5 / x;
}
catch (Exception e)
{
System.out.println("Exception");
}
catch (ArithmeticException ae)
{
System.out.println(" Arithmetic Exception"); }
System.out.println("finished");
```

A. finished
B. Exception
C. Compilation fails.
D. Arithmetic Exception

Answer: The answer is 'C', compilation fails.

3.-What will be the output of the program?

```
public class MyProgram
{
public static void main(String args[])
{
try
{
System.out.print("Hello world ");
}
finally
{
System.out.println("Finally executing "); }
}
}
```

A. Nothing. The program will not compile because no exceptions are specified.
B. Nothing. The program will not compile because no catch clauses are specified. C. Hello world.
D. Hello world Finally executing

Answer: The answer is 'D', Hello world Finally executing.