1. (2 pts) In order for clicking the X in the title bar of a JFrame to close it properly, we can call the method __________________ on the frame and send it the constant __________________.

2. (2 pts) An __________________ is an undesirable event that can occur during execution that makes execution difficult or impossible, and the head of the branch of the Java Family Tree that defines these types of behaviors is __________________.

3. (2 pts) Suppose that we have a class definition, MyClass, which contains the method getObject and suppose this method potentially causes a ClassNotFoundException which is a subclass of Exception but not of RuntimeException. If we have a reference to a MyClass object called myClass, is there a syntax error when a class definition containing the following method is compiled? Explain.

   ```java
   public String toString() {
       String output = myClass.getObject().toString();
       return(output);
   }
   ```

4. (2 pts) RuntimeException, Error, and their subclasses are __________________ exceptions where all other exceptions are __________________ exceptions.

5. (2 pts) Is there any syntax error with the following code? Explain.

   ```java
   try {
       String s = “Hello”;
       int a = (s.length-1)/0;
   }
   ```