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| What will be the output of the program?  public class Foo  {  public static void main(String[] args)  {  try  {  return;  }  finally  {  System.out.println( "Finally" );  }  }  } |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Finally | | [**B.**](javascript:%20void%200;) | Compilation fails. | | [**C.**](javascript:%20void%200;) | The code runs with no output. | | [**D.**](javascript:%20void%200;) | An exception is thrown at runtime. | |

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| 2. | What will be the output of the program?  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.**](javascript:%20void%200;) | finished | | [**B.**](javascript:%20void%200;) | Exception | | [**C.**](javascript:%20void%200;) | Compilation fails. | | [**D.**](javascript:%20void%200;) | Arithmetic Exception | |

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| 3. | What will be the output of the program?  public class X  {  public static void main(String [] args)  {  try  {  badMethod();  System.out.print("A");  }  catch (Exception ex)  {  System.out.print("B");  }  finally  {  System.out.print("C");  }  System.out.print("D");  }  public static void badMethod()  {  throw new Error(); /\* Line 22 \*/  }  } |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | ABCD | | [**B.**](javascript:%20void%200;) | Compilation fails. | | [**C.**](javascript:%20void%200;) | C is printed before exiting with an error message. | | [**D.**](javascript:%20void%200;) | BC is printed before exiting with an error message. | |

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| 4. | What will be the output of the program?  public class X  {  public static void main(String [] args)  {  try  {  badMethod();  System.out.print("A");  }  catch (RuntimeException ex) /\* Line 10 \*/  {  System.out.print("B");  }  catch (Exception ex1)  {  System.out.print("C");  }  finally  {  System.out.print("D");  }  System.out.print("E");  }  public static void badMethod()  {  throw new RuntimeException();  }  } |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | BD | | [**B.**](javascript:%20void%200;) | BCD | | [**C.**](javascript:%20void%200;) | BDE | | [**D.**](javascript:%20void%200;) | BCDE | |

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| 5. | What will be the output of the program?  public class RTExcept  {  public static void throwit ()  {  System.out.print("throwit ");  throw new RuntimeException();  }  public static void main(String [] args)  {  try  {  System.out.print("hello ");  throwit();  }  catch (Exception re )  {  System.out.print("caught ");  }  finally  {  System.out.print("finally ");  }  System.out.println("after ");  }  } |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | hello throwit caught | | [**B.**](javascript:%20void%200;) | Compilation fails | | [**C.**](javascript:%20void%200;) | hello throwit RuntimeException caught after | | [**D.**](javascript:%20void%200;) | hello throwit caught finally after | |
| What will be the output of the program?  public class Test  {  public static void aMethod() throws Exception  {  try /\* Line 5 \*/  {  throw new Exception(); /\* Line 7 \*/  }  finally /\* Line 9 \*/  {  System.out.print("finally "); /\* Line 11 \*/  }  }  public static void main(String args[])  {  try  {  aMethod();  }  catch (Exception e) /\* Line 20 \*/  {  System.out.print("exception ");  }  System.out.print("finished"); /\* Line 24 \*/  }  } | |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | finally | | [**B.**](javascript:%20void%200;) | exception finished | | [**C.**](javascript:%20void%200;) | finally exception finished | | [**D.**](javascript:%20void%200;) | Compilation fails | | |

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| 7. | What will be the output of the program?  public class X  {  public static void main(String [] args)  {  try  {  badMethod();  System.out.print("A");  }  catch (Exception ex)  {  System.out.print("B");  }  finally  {  System.out.print("C");  }  System.out.print("D");  }  public static void badMethod() {}  } |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | AC | | [**B.**](javascript:%20void%200;) | BC | | [**C.**](javascript:%20void%200;) | ACD | | [**D.**](javascript:%20void%200;) | ABCD | |

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| 8. | What will be the output of the program?  public class X  {  public static void main(String [] args)  {  try  {  badMethod(); /\* Line 7 \*/  System.out.print("A");  }  catch (Exception ex) /\* Line 10 \*/  {  System.out.print("B"); /\* Line 12 \*/  }  finally /\* Line 14 \*/  {  System.out.print("C"); /\* Line 16 \*/  }  System.out.print("D"); /\* Line 18 \*/  }  public static void badMethod()  {  throw new RuntimeException();  }  } |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | AB | | [**B.**](javascript:%20void%200;) | BC | | [**C.**](javascript:%20void%200;) | ABC | | [**D.**](javascript:%20void%200;) | BCD | |

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| 9. | 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.**](javascript:%20void%200;) | Nothing. The program will not compile because no exceptions are specified. | | [**B.**](javascript:%20void%200;) | Nothing. The program will not compile because no catch clauses are specified. | | [**C.**](javascript:%20void%200;) | Hello world. | | [**D.**](javascript:%20void%200;) | Hello world Finally executing | |

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| 10. | What will be the output of the program?  class Exc0 extends Exception { }  class Exc1 extends Exc0 { } /\* Line 2 \*/  public class Test  {  public static void main(String args[])  {  try  {  throw new Exc1(); /\* Line 9 \*/  }  catch (Exc0 e0) /\* Line 11 \*/  {  System.out.println("Ex0 caught");  }  catch (Exception e)  {  System.out.println("exception caught");  }  }  } |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Ex0 caught | | [**B.**](javascript:%20void%200;) | exception caught | | [**C.**](javascript:%20void%200;) | Compilation fails because of an error at line 2. | | [**D.**](javascript:%20void%200;) | Compilation fails because of an error at line 9. | |