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| **1.** | class A  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 5; i++)  {  System.out.println("loop body:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  main begin  loop body:1  loop body:2  loop body:3  loop body:4  main end |  |  | | --- | | B.  main begin  loop body:1  loop body:2  loop body:3  loop body:4  loop body:5  main end |  |  | | --- | | C.  main begin  loop body:1  loop body:2  loop body:3  loop body:4  loop body:5 | | | |
| **Correct Answer: B** | | |
| **2.** | class B  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 10; i <= 5; i++)  {  System.out.println("loop body:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  main begin  main end |  |  | | --- | | B.  main begin  loop body:1  loop body:2  loop body:3  loop body:4  loop body:5  main end  main end |  |  | | --- | | C.  main begin  loop body:1  loop body:2  loop body:3  loop body:4  loop body:5 | | | |
| **Correct Answer: A** | | |

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| **3.** | class C  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 5; i++)  {  System.out.println("loop body:" + i);  System.out.println("loop body:" + i);  int j = 20;  j++;  j += 20;  System.out.println("--------------:" + j);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  main begin |  |  | | --- | | B.  main begin  loop body:1  loop body:2  loop body:3  loop body:4  loop body:5  main end  main end |  |  | | --- | | C.  main begin  loop body:1  loop body:1  --------------:41  loop body:2  loop body:2  --------------:41  loop body:3  loop body:3  --------------:41  loop body:4  loop body:4  --------------:41  loop body:5  loop body:5  --------------:41  main end | | | |
| **Correct Answer: C** | | |
| **4.** | class D  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 5; i++)  {  System.out.println("loop body:" + i);  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  runtime error |  |  | | --- | | B.  compile time error | | | |
| **Correct Answer: B** | | |

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| **5.** | class E  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 10; i = i + 2)  {  System.out.println("loop body:" + i);  }  System.out.println("main end:");  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  main begin  loop body:1  loop body:3  loop body:5  loop body:7  loop body:9  main end: | | | |
| **Correct Answer: B** | | |
| **6.** | class G  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 10; i >= 1; i--)  {  System.out.println("loop body:" + i);  }  System.out.println("main end:");  }  } |
| |  | | --- | | A.  run time error |  |  | | --- | | B.  main begin  loop body:1  loop body:3  loop body:5  loop body:7  loop body:9  main end: |  |  | | --- | | C.  main begin  loop body:10  loop body:9  loop body:8  loop body:7  loop body:6  loop body:5  loop body:4  loop body:3  loop body:2  loop body:1  main end: | | | |
| **Correct Answer: C** | | |

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| **7.** | class H  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 10; i >= 1; i = i - 3)  {  System.out.println("loop body:" + i);  }  System.out.println("main end:");  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  main begin  loop body:10  loop body:7  loop body:4  loop body:1  main end: |  |  | | --- | | C.  main begin  loop body:10  loop body:7  loop body:4 | | | |
| **Correct Answer: B** | | |
| **8.** | class I  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 10; i >= 1; i -= 3)  {  System.out.println("loop body:" + i);  }  System.out.println("main end:");  }  } |
| |  | | --- | | A.  main begin  loop body:10  loop body:7  loop body:4  loop body:1  main end: |  |  | | --- | | B.  main begin  loop body:10  loop body:7  loop body:1  main end: |  |  | | --- | | C.  main begin  main end: | | | |
| **Correct Answer: A** | | |

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| **9.** | class J  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 50; i = i \* 5)  {  System.out.println("loop body:" + i);  }  System.out.println("main end:");  }  } | |
| |  | | --- | | A.  main begin  loop body:1  loop body:5  loop body:25  main end: |  |  | | --- | | B.  main begin  loop body:1  loop body:5  main end: |  |  | | --- | | C.  main begin  loop body:25  main end: | | | | |
| **Correct Answer: A** | | | |
| **10.** | | class K  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 500; i \*= 3)  {  System.out.println("loop body:" + i);  }  System.out.println("main end:");  }  } |
| |  | | --- | | A.  main begin  loop body:1  loop body:3  loop body:9  loop body:27  loop body:81  loop body:243  main end: |  |  | | --- | | B.  main begin  loop body:1  loop body:3  loop body:9  loop body:27  loop body:81  main end: |  |  | | --- | | C.  main begin  loop body:1  loop body:3  loop body:9  loop body:27  main end: | | | | |
| **Correct Answer: A** | | | |

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| **11.** | class L  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 5000; i > 0; i = i / 10)  {  System.out.println("loop body:" + i);  }  System.out.println("main end:");  }  } |
| |  | | --- | | A.  main begin  main end: |  |  | | --- | | B.  main begin  loop body:5000  loop body:500  loop body:50  loop body:5  main end: |  |  | | --- | | C.  compiletime error | | | |
| **Correct Answer: B** | | |
| **12.** | class M  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 5000; i > 0; i /= 10)  {  System.out.println("loop body:" + i);  }  System.out.println("main end:");  }  } |
| |  | | --- | | A.  main begin  loop body:5000  loop body:500  loop body:50  loop body:5  main end: |  |  | | --- | | B.  main begin  loop body:5000  loop body:500  loop body:50  main end: |  |  | | --- | | C.  main begin  main end: |  |  | | --- | | D.  compile time error | | | |
| **Correct Answer: A** | | |

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| **13.** | class N  {  public static void main(String[] args)  {  System.out.println("main begin");  int i;  for(i = 1; i <= 5; i++)  {  System.out.println("loop body:" + i);  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  main begin  loop body:1  loop body:2  loop body:3  loop body:4  loop body:5  main end:6 |  |  | | --- | | B.  main begin  loop body:1  loop body:2  loop body:3  loop body:4  main end:6 |  |  | | --- | | C.  compiletime error | | | |
| **Correct Answer: A** | | |
| **14.** | class O  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 10;  for(i = 1; i <= 5; i++)  {  System.out.println("loop body:" + i);  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  main begin  loop body:1  loop body:2  loop body:3  loop body:4  loop body:5  main end:6 |  |  | | --- | | B.  compile time error |  |  | | --- | | A.  main begin  main end:6 | | | |
| **Correct Answer: A** | | |

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| **15.** | class P  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 10;  for( ; i <= 5; i++)  {  System.out.println("loop body:" + i);  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  run time error |  |  | | --- | | B.  compile time error |  |  | | --- | | C.  main begin  main end:10 | | | |
| **Correct Answer: C** | | |
| **16.** | class Q  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 4;  for( ; i <= 5; i++)  {  System.out.println("loop body:" + i);  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  main begin  loop body:4  loop body:5  main end:6 |  |  | | --- | | C.  main begin  main end:6 | | | |
| **Correct Answer: B** | | |

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| **17.** | class R  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  for( ; i <= 5; )  {  System.out.println("loop body:" + i ++);  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  run time error |  |  | | --- | | B.  compile time error |  |  | | --- | | C.  main begin  loop body:1  loop body:2  loop body:3  loop body:4  loop body:5  main end:6 | | | |
| **Correct Answer: C** | | |
| **18.** | class S  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  for( ; i <= 5; )  {  System.out.println("loop body:" + i);  i++;  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  main begin  loop body:1  loop body:2  loop body:3  loop body:4  loop body:5  main end:6 |  |  | | --- | | B.  main begin  main end:6 |  |  | | --- | | C.  compiletime error | | | |
| **Correct Answer: A** | | |

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| **19.** | class T  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  for( ; ; )  {  System.out.println("loop body:" + i);  i++;  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  main begin  loop body:1  loop body:2  loop body:3  loop body:4  loop body:5  main end:6 |  |  | | --- | | B.  run time error |  |  | | --- | | C.  compiletime error | | | |
| **Correct Answer: C** | | |
| **20.** | class U  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  for( ; ; )  {  System.out.println("loop body:" + i);  i++;  }  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  infinite loop |  |  | | --- | | C.  mainbegin |  |  | | --- | | D.  run time error | | | |
| **Correct Answer: B** | | |

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| **21.** | class V  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1, j = 20 ; i <= 10; i++, j += 3)  {  System.out.println("loop body:" + i + ", " + j);  }  }  } |
| |  | | --- | | A.  infinite loop |  |  | | --- | | B.  main begin  loop body:1, 20  loop body:2, 23  loop body:3, 26  loop body:4, 29  loop body:5, 32  loop body:6, 35  loop body:7, 38  loop body:8, 41  loop body:9, 44  loop body:10, 47 |  |  | | --- | | C.  main begin  loop body:1, 20  loop body:2, 23  loop body:3, 26  loop body:4, 29  loop body:5, 32  loop body:6, 35  loop body:7, 38  loop body:8, 41  loop body:10, 47 |  |  | | --- | | D.  compile time error | | | |
| **Correct Answer: B** | | |
| **22.** | class W  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1, j = 20 ; j <= 60; i++, j += 3)  {  System.out.println("loop body:" + i + ", " + j);  }  }  } |
| |  | | --- | | A.  main begin  loop body:1, 20  loop body:2, 23  loop body:3, 26  loop body:4, 29  loop body:5, 32  loop body:6, 35  loop body:7, 38  loop body:8, 41  loop body:9, 44  loop body:10, 47  loop body:11, 50  loop body:12, 53  loop body:13, 56  loop body:14, 59 |  |  | | --- | | B.  main begin  loop body:1, 20  loop body:2, 23  loop body:3, 26  loop body:4, 29  loop body:5, 32  loop body:6, 35  loop body:8, 41  loop body:9, 44  loop body:10, 47  loop body:11, 50  loop body:12, 53  loop body:13, 56  loop body:14, 59 |  |  | | --- | | C.  infinite loop |  |  | | --- | | D.  compile time error | | | |
| **Correct Answer: A** | | |

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| **23.** | class X  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1, j = 20 ; i <= 20 || j <= 60; i++, j += 3)  {  System.out.println("loop body:" + i + ", " + j);  }  }  } |
| |  | | --- | | A.  main begin  loop body:1, 20  loop body:2, 23  loop body:3, 26  loop body:4, 29  loop body:5, 32  loop body:6, 35  loop body:7, 38  loop body:8, 41  loop body:9, 44  loop body:10, 47  loop body:11, 50  loop body:12, 53  loop body:13, 56  loop body:14, 59  loop body:15, 62  loop body:16, 65  loop body:17, 68  loop body:18, 71  loop body:19, 74  loop body:20, 77 |  |  | | --- | | B.  main begin  loop body:1, 20  loop body:2, 23  loop body:3, 26  loop body:4, 29  loop body:5, 32  loop body:6, 35  loop body:7, 38  loop body:8, 41  loop body:9, 44  loop body:10, 47  loop body:11, 50  loop body:12, 53  loop body:13, 56 |  |  | | --- | | C.  compiletime error | | | |
| **Correct Answer: A** | | |
| **24.** | class Y  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1, j = 20 ; i <= 20 && j <= 60; i++, j += 3)  {  System.out.println("loop body:" + i + ", " + j);  }  }  } |
| |  | | --- | | A.  infinite loop |  |  | | --- | | B.  compile time error |  |  | | --- | | C.  main begin  loop body:1, 20  loop body:2, 23  loop body:3, 26  loop body:4, 29  loop body:5, 32  loop body:6, 35  loop body:7, 38  loop body:8, 41  loop body:9, 44  loop body:10, 47  loop body:11, 50  loop body:12, 53  loop body:13, 56  loop body:14, 59 | | | |
| **Correct Answer: C** | | |

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| **25.** | class Z  {  public static void main(String[] args)  {  System.out.println("main begin");  int i;  for(i = 1, System.out.println("init");  test(i);  System.out.println("before change:" + i), i++, System.out.println("after change:" + i))  {  System.out.println("loop body:" + i);  }  System.out.println("main end");  }  static boolean test(int i)  {  boolean flag = (i <= 5);  System.out.println("boolean status for " + i + " is " + flag);  return flag;  }  } |
| |  | | --- | | A.  run time error |  |  | | --- | | B.  compile time error |  |  | | --- | | C.  main begin  init  boolean status for 1 is true  loop body:1  before change:1  after change:2  boolean status for 2 is true  loop body:2  before change:2  after change:3  boolean status for 3 is true  loop body:3  before change:3  after change:4  boolean status for 4 is true  loop body:4  before change:4  after change:5  boolean status for 5 is true  loop body:5  before change:5  after change:6  boolean status for 6 is false  main end |  |  | | --- | | D.  main begin  init  boolean status for 1 is true  loop body:1  before change:1  after change:2  boolean status for 2 is true  loop body:2  before change:2  after change:3  boolean status for 3 is true  loop body:3  before change:3  after change:4  boolean status for 4 is true  loop body:4  before change:4  after change:5  boolean status for 5 is true  loop body:5  before change:5  after change:6  boolean status for 6 is true  main end | | | |
| **Correct Answer: C** | | |
| **26.** | class Z1  {  public static void main(String[] args)  {  System.out.println("main begin");  //int m = 1, n = 10, o, p = 30, q, r = 40;  for(int i = 1, System.out.println("init");  test(i);  System.out.println("before change:" + i), i++, System.out.println("after change:" + i))  {  System.out.println("loop body:" + i);  }  System.out.println("main end");  }  static boolean test(int i)  {  boolean flag = (i <= 5);  System.out.println("boolean status for " + i + " is " + flag);  return flag;  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  run time error | | | |
| **Correct Answer: A** | | |

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| **27.** | class Z2  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 0; i <= 5; i++)  System.out.println("loop body:" + i);  System.out.println("loop body:" + i);  System.out.println("main end");  }  } |
| |  | | --- | | A.  run time error |  |  | | --- | | B.  compile time error |  |  | | --- | | C.  0 |  |  | | --- | | D.  5 | | | |
| **Correct Answer: B** | | |
| **28.** | class Z3  {  public static void main(String[] args)  {  System.out.println("main begin");  int i;  for(i = 0; i <= 5; i++)  System.out.println("loop body stmt1:" + i);  System.out.println("loop body stmt2:" + i);  System.out.println("main end");  }  } |
| |  | | --- | | A.  main begin  loop body stmt1:0  loop body stmt1:1  loop body stmt1:2  loop body stmt1:3  loop body stmt1:4  loop body stmt1:5  loop body stmt2:6  main end |  |  | | --- | | B.  compile time error |  |  | | --- | | C.  run time error |  |  | | --- | | D.  mainbegin  loop body stmt1:0  loop body stmt1:1  loop body stmt1:2  loop body stmt1:3  loop body stmt1:4  loop body stmt1:5  main end | | | |
| **Correct Answer: A** | | |

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| **29.** | class Z4  {  public static void main(String[] args)  {  System.out.println("main begin");  int i;  for(i = 0; i <= 5; i++);  System.out.println("loop body stmt1:" + i);  System.out.println("loop body stmt2:" + i);  System.out.println("main end");  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  run time error |  |  | | --- | | C.  main begin  main end |  |  | | --- | | D.  mainbegin  loop body stmt1:6  loop body stmt2:6  main end | | | |
| **Correct Answer: D** | | |
| **30.** | class Z5  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 0; i <= 5; i++);  System.out.println("loop body stmt1:" + i);  System.out.println("main end");  }  } |
| |  | | --- | | A.  runtime error |  |  | | --- | | B.  compile time error | | | |
| **Correct Answer: B** | | |

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| **31.** | class Z6  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 0; i <= 5; i++);  {  System.out.println("loop body stmt1:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  main begin |  |  | | --- | | C.  run time error | | | |
| **Correct Answer: A** | | |
| **32.** | class A  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 10; i++)  {  System.out.println("loop begin:" + i);  System.out.println("loop end:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  main begin  loop begin:1  loop end:1  loop begin:2  loop end:2  loop begin:3  loop end:3  loop begin:4  loop end:4  loop begin:5  loop end:5  loop begin:6  loop end:6  loop begin:7  loop end:7  loop begin:8  loop end:8  loop begin:9  loop end:9  loop begin:10  loop end:10  main end |  |  | | --- | | C.  main begin  loop begin:1  loop end:1  loop begin:2  loop end:2  loop begin:3  loop end:3  loop begin:4  loop end:4  loop begin:5  loop end:5  loop begin:6  loop end:6  loop begin:7  loop end:7  loop begin:8  loop end:8  loop begin:9  loop end:9  main end | | | |
| **Correct Answer: B** | | |

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| **33.** | class B  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 10; i++)  {  System.out.println("loop begin:" + i);  if(i == 7)  {  continue;  }  System.out.println("loop end:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  run time error |  |  | | --- | | B.  main begin  loop begin:1  loop end:1  loop begin:2  loop end:2  loop begin:3  loop end:3  loop begin:4  loop end:4  loop begin:5  loop end:5  loop begin:6  loop end:6  loop begin:7  loop begin:8  loop end:8  loop begin:9  loop end:9  loop begin:10  loop end:10  main end |  |  | | --- | | C.  main begin  loop begin:1  loop end:1  loop begin:2  loop end:2  loop begin:3  loop end:3  loop begin:4  loop end:4  loop begin:5  loop end:5  loop begin:6  loop end:6  loop begin:7  loop end:7  loop begin:8  loop end:8  loop begin:9  loop end:9  main end |  |  | | --- | | D.  compile time error | | | |
| **Correct Answer: B** | | |
| **34.** | class C  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 10; i++)  {  System.out.println("loop begin:" + i);  if(i <= 4)  {  continue;  }  System.out.println("loop end:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  main begin  loop begin:1  loop begin:2  loop begin:3  loop begin:4  loop begin:5  loop end:5  loop begin:6  loop end:6  loop begin:7  loop end:7  loop begin:8  loop end:8  loop begin:9  loop end:9  loop begin:10  loop end:10  main end |  |  | | --- | | B.  compile time error |  |  | | --- | | C.  main begin  loop begin:1  loop end:1  loop begin:2  loop end:2  loop begin:3  loop end:3  loop begin:4  loop end:4  loop begin:5  loop end:5  loop begin:6  loop end:6  loop begin:7  loop end:7  loop begin:8  loop end:8  loop begin:9  loop end:9  main end | | | |
| **Correct Answer: A** | | |

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| --- | --- |
| **35.** | class D  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 10; i++)  {  System.out.println("loop begin:" + i);  if(i <= 4)  {  continue;  System.out.println("if end");  }  System.out.println("loop end:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  run time error |  |  | | --- | | B.  main begin  loop begin:1  loop begin:2  loop begin:3  loop begin:4  loop begin:5  loop end:5  loop begin:6  loop end:6  loop begin:7  loop end:7  loop begin:8  loop end:8  loop begin:9  loop end:9  loop begin:10  loop end:10  main end |  |  | | --- | | C.  compile time error | | | |
| **Correct Answer: C** | | |
| **36.** | class E  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 10; i++)  {  System.out.println("loop begin:" + i);  if(i <= 4)  {  System.out.println("if begin");  continue;  }  System.out.println("loop end:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  main begin  loop begin:1  if begin  loop begin:2  if begin  loop begin:3  if begin  loop begin:4  if begin  loop begin:5  loop end:5  loop begin:6  loop end:6  loop begin:7  loop end:7  loop begin:8  loop end:8  loop begin:9  loop end:9  loop begin:10  loop end:10  main end |  |  | | --- | | B.  main begin  loop begin:1  if begin  loop begin:2  if begin  loop begin:3  if begin  loop begin:4  if begin  loop begin:5  loop end:5  loop begin:6  loop end:6  loop begin:7  loop end:7  loop begin:8  loop end:8  loop begin:9  loop end:9  main end |  |  | | --- | | C.  compile time error |  |  | | --- | | D.  run time error | | | |
| **Correct Answer: A** | | |

|  |  |
| --- | --- |
| **37.** | class F  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 10; i++)  {  System.out.println("loop begin:" + i);  if(i == 4)  {  System.out.println("if begin");  break;  }  System.out.println("loop end:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  main begin  loop begin:1  loop end:1  loop begin:2  loop end:2  loop begin:3  loop end:3  loop begin:4  if begin  main end |  |  | | --- | | C.  main begin  loop begin:1  loop end:1  loop begin:2  loop end:2  loop begin:3  loop end:3  loop begin:4  main end | | | |
| **Correct Answer: B** | | |
| **38.** | class G  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 10; i++)  {  System.out.println("loop begin:" + i);  if(i == 4)  {  System.out.println("if begin");  break;  i++;  }  System.out.println("loop end:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  main begin  loop begin:1  loop end:1  loop begin:2  loop end:2  loop begin:3  loop end:3  loop begin:4  if begin  main end |  |  | | --- | | B.  main begin  loop begin:1  loop end:1  loop begin:2  loop end:2  loop begin:3  loop end:3  loop begin:4  main end |  |  | | --- | | C.  compile time error |  |  | | --- | | D.  run time error | | | |
| **Correct Answer: C** | | |

|  |  |
| --- | --- |
| **39.** | class H  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 10; i++)  {  System.out.println("loop begin:" + i);  if(i == 4)  {  System.out.println("if begin");  break;continue;  }  System.out.println("loop end:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  main begin  loop begin:1  loop end:1  loop begin:2  loop end:2  loop begin:3  loop end:3  loop begin:4  if begin  main end |  |  | | --- | | C.  main begin  loop begin:1  loop end:1  loop begin:2  loop end:2  loop begin:3  loop end:3  main end | | | |
| **Correct Answer: A** | | |
| **40.** | class I  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 10; i++)  {  System.out.println("outer loop begin:" + i);  for(int j = 101; j <= 105; j++)  {  System.out.println("inner loop begin:" + i + "," + j);  }  System.out.println("outer loop end:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  main begin  outer loop begin:1  inner loop begin:1,101  inner loop begin:1,102  inner loop begin:1,103  inner loop begin:1,104  inner loop begin:1,105  outer loop end:1  outer loop begin:2  inner loop begin:2,101  inner loop begin:2,102  inner loop begin:2,103  inner loop begin:2,104  inner loop begin:2,105  outer loop end:2  outer loop begin:3  inner loop begin:3,101  inner loop begin:3,102  inner loop begin:3,103  inner loop begin:3,104  inner loop begin:3,105  outer loop end:3  outer loop begin:4  inner loop begin:4,101  inner loop begin:4,102  inner loop begin:4,103  inner loop begin:4,104  inner loop begin:4,105  outer loop end:4  outer loop begin:5  inner loop begin:5,101  inner loop begin:5,102  inner loop begin:5,103  inner loop begin:5,104  inner loop begin:5,105  outer loop end:5  outer loop begin:6  inner loop begin:6,101  inner loop begin:6,102  inner loop begin:6,103  inner loop begin:6,104  inner loop begin:6,105  outer loop end:6  outer loop begin:7  inner loop begin:7,101  inner loop begin:7,102  inner loop begin:7,103  inner loop begin:7,104  inner loop begin:7,105  outer loop end:7  outer loop begin:8  inner loop begin:8,101  inner loop begin:8,102  inner loop begin:8,103  inner loop begin:8,104  inner loop begin:8,105  outer loop end:8  outer loop begin:9  inner loop begin:9,101  inner loop begin:9,102  inner loop begin:9,103  inner loop begin:9,104  inner loop begin:9,105  outer loop end:9  outer loop begin:10  inner loop begin:10,101  inner loop begin:10,102  inner loop begin:10,103  inner loop begin:10,104  inner loop begin:10,105  outer loop end:10  main end |  |  | | --- | | B.  main begin  outer loop begin:1  inner loop begin:1,101  inner loop begin:1,102  inner loop begin:1,103  inner loop begin:1,104  inner loop begin:1,105  outer loop end:1  outer loop begin:2  inner loop begin:2,101  inner loop begin:2,102  inner loop begin:2,103  inner loop begin:2,104  inner loop begin:2,105  outer loop end:2  outer loop begin:3  inner loop begin:3,101  inner loop begin:3,102  inner loop begin:3,103  inner loop begin:3,104  inner loop begin:3,105  outer loop end:3  outer loop begin:4  inner loop begin:4,101  inner loop begin:4,102  inner loop begin:4,103  inner loop begin:4,104  inner loop begin:4,105  outer loop end:4  outer loop begin:5  inner loop begin:5,101  inner loop begin:5,102  inner loop begin:5,103  inner loop begin:5,104  inner loop begin:5,105  outer loop end:5  outer loop begin:6  inner loop begin:6,101  inner loop begin:6,102  inner loop begin:6,103  inner loop begin:6,104  inner loop begin:6,105  outer loop end:6  outer loop begin:7  inner loop begin:7,101  inner loop begin:7,102  inner loop begin:7,103  inner loop begin:7,104  inner loop begin:7,105  outer loop end:7  outer loop begin:8  inner loop begin:8,101  inner loop begin:8,102  inner loop begin:8,103  inner loop begin:8,104  inner loop begin:8,105  outer loop end:8  outer loop begin:9  inner loop begin:9,101  inner loop begin:9,102  inner loop begin:9,103  inner loop begin:9,104  inner loop begin:9,105  outer loop end:9  outer loop begin:10  inner loop begin:10,101  inner loop begin:10,102  inner loop begin:10,103  inner loop begin:10,104  outer loop end:10  main end |  |  | | --- | | C.  compile time error | | | |
| **Correct Answer: A** | | |

|  |  |
| --- | --- |
| **41.** | class J  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 10; i++)  {  System.out.println("outer loop begin:" + i);  for(int j = 101; j <= 105; j++)  {  System.out.println("inner loop begin:" + i + "," + j);  System.out.println("inner loop end:" + i + "," + j);  }  System.out.println("outer loop end:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  main begin  outer loop begin:1  inner loop begin:1,101  inner loop end:1,101  inner loop begin:1,102  inner loop end:1,102  inner loop begin:1,103  inner loop end:1,103  inner loop begin:1,104  inner loop end:1,104  inner loop begin:1,105  inner loop end:1,105  outer loop end:1  outer loop begin:2  inner loop begin:2,101  inner loop end:2,101  inner loop begin:2,102  inner loop end:2,102  inner loop begin:2,103  inner loop end:2,103  inner loop begin:2,104  inner loop end:2,104  inner loop begin:2,105  inner loop end:2,105  outer loop end:2  outer loop begin:3  inner loop begin:3,101  inner loop end:3,101  inner loop begin:3,102  inner loop end:3,102  inner loop begin:3,103  inner loop end:3,103  inner loop begin:3,104  inner loop end:3,104  inner loop begin:3,105  inner loop end:3,105  outer loop end:3  outer loop begin:4  inner loop begin:4,101  inner loop end:4,101  inner loop begin:4,102  inner loop end:4,102  inner loop begin:4,103  inner loop end:4,103  inner loop begin:4,104  inner loop end:4,104  inner loop begin:4,105  inner loop end:4,105  outer loop end:4  outer loop begin:5  inner loop begin:5,101  inner loop end:5,101  inner loop begin:5,102  inner loop end:5,102  inner loop begin:5,103  inner loop end:5,103  inner loop begin:5,104  inner loop end:5,104  inner loop begin:5,105  inner loop end:5,105  outer loop end:5  outer loop begin:6  inner loop begin:6,101  inner loop end:6,101  inner loop begin:6,102  inner loop end:6,102  inner loop begin:6,103  inner loop end:6,103  inner loop begin:6,104  inner loop end:6,104  inner loop begin:6,105  inner loop end:6,105  outer loop end:6  outer loop begin:7  inner loop begin:7,101  inner loop end:7,101  inner loop begin:7,102  inner loop end:7,102  inner loop begin:7,103  inner loop end:7,103  inner loop begin:7,104  inner loop end:7,104  inner loop begin:7,105  inner loop end:7,105  outer loop end:7  outer loop begin:8  inner loop begin:8,101  inner loop end:8,101  inner loop begin:8,102  inner loop end:8,102  inner loop begin:8,103  inner loop end:8,103  inner loop begin:8,104  inner loop end:8,104  inner loop begin:8,105  inner loop end:8,105  outer loop end:8  outer loop begin:9  inner loop begin:9,101  inner loop end:9,101  inner loop begin:9,102  inner loop end:9,102  inner loop begin:9,103  inner loop end:9,103  inner loop begin:9,104  inner loop end:9,104  inner loop begin:9,105  inner loop end:9,105  outer loop end:9  outer loop begin:10  inner loop begin:10,101  inner loop end:10,101  inner loop begin:10,102  inner loop end:10,102  inner loop begin:10,103  inner loop end:10,103  inner loop begin:10,104  inner loop end:10,104  inner loop begin:10,105  inner loop end:10,105  outer loop end:10  main end |  |  | | --- | | C.  run time error |  |  | | --- | | D.  main begin  outer loop begin:1  inner loop begin:1,101  inner loop end:1,101  inner loop begin:1,102  inner loop end:1,102  inner loop begin:1,103  inner loop end:1,103  inner loop begin:1,104  inner loop end:1,104  inner loop begin:1,105  inner loop end:1,105  outer loop end:1  outer loop begin:2  inner loop begin:2,101  inner loop end:2,101  inner loop begin:2,102  inner loop end:2,102  inner loop begin:2,103  inner loop end:2,103  inner loop begin:2,104  inner loop end:2,104  inner loop begin:2,105  inner loop end:2,105  outer loop end:2  outer loop begin:3  inner loop begin:3,101  inner loop end:3,101  inner loop begin:3,102  inner loop end:3,102  inner loop begin:3,103  inner loop end:3,103  inner loop begin:3,104  inner loop end:3,104  inner loop begin:3,105  inner loop end:3,105  outer loop end:3  outer loop begin:4  inner loop begin:4,101  inner loop end:4,101  inner loop begin:4,102  inner loop end:4,102  inner loop begin:4,103  inner loop end:4,103  inner loop begin:4,104  inner loop end:4,104  inner loop begin:4,105  inner loop end:4,105  outer loop end:4  outer loop begin:5  inner loop begin:5,101  inner loop end:5,101  inner loop begin:5,102  inner loop end:5,102  inner loop begin:5,103  inner loop end:5,103  inner loop begin:5,104  inner loop end:5,104  inner loop begin:5,105  inner loop end:5,105  outer loop end:5  outer loop begin:6  inner loop begin:6,101  inner loop end:6,101  inner loop begin:6,102  inner loop end:6,102  inner loop begin:6,103  inner loop end:6,103  inner loop begin:6,104  inner loop end:6,104  inner loop begin:6,105  inner loop end:6,105  outer loop end:6  outer loop begin:7  inner loop begin:7,101  inner loop end:7,101  inner loop begin:7,102  inner loop end:7,102  inner loop begin:7,103  inner loop end:7,103  inner loop begin:7,104  inner loop end:7,104  inner loop begin:7,105  inner loop end:7,105  outer loop end:7  outer loop begin:8  inner loop begin:8,101  inner loop end:8,101  inner loop begin:8,102  inner loop end:8,102  inner loop begin:8,103  inner loop end:8,103  inner loop begin:8,104  inner loop end:8,104  inner loop begin:8,105  inner loop end:8,105  outer loop end:8  outer loop begin:9  inner loop begin:9,101  inner loop end:9,101  inner loop begin:9,102  inner loop end:9,102  inner loop begin:9,103  inner loop end:9,103  inner loop begin:9,104  inner loop end:9,104  inner loop begin:9,105  inner loop end:9,105  outer loop end:9  outer loop begin:10  inner loop begin:10,101  inner loop end:10,101  inner loop begin:10,102  inner loop end:10,102  inner loop begin:10,103  inner loop end:10,103  inner loop begin:10,104  inner loop end:10,104  main end" | | | |
| **Correct Answer: B** | | |
| **42.** | class K  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 10; i++)  {  System.out.println("outer loop begin:" + i);  for(int j = 101; j <= 105; j++)  {  System.out.println("inner loop begin:" + i + "," + j);  if(j == 103)  {  continue;  }  System.out.println("inner loop end:" + i + "," + j);  }  System.out.println("outer loop end:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  infinite loop |  |  | | --- | | B.  compile time error |  |  | | --- | | C.  main begin  outer loop begin:1  inner loop begin:1,101  inner loop end:1,101  inner loop begin:1,102  inner loop end:1,102  inner loop begin:1,103  inner loop begin:1,104  inner loop end:1,104  inner loop begin:1,105  inner loop end:1,105  outer loop end:1  outer loop begin:2  inner loop begin:2,101  inner loop end:2,101  inner loop begin:2,102  inner loop end:2,102  inner loop begin:2,103  inner loop begin:2,104  inner loop end:2,104  inner loop begin:2,105  inner loop end:2,105  outer loop end:2  outer loop begin:3  inner loop begin:3,101  inner loop end:3,101  inner loop begin:3,102  inner loop end:3,102  inner loop begin:3,103  inner loop begin:3,104  inner loop end:3,104  inner loop begin:3,105  inner loop end:3,105  outer loop end:3  outer loop begin:4  inner loop begin:4,101  inner loop end:4,101  inner loop begin:4,102  inner loop end:4,102  inner loop begin:4,103  inner loop begin:4,104  inner loop end:4,104  inner loop begin:4,105  inner loop end:4,105  outer loop end:4  outer loop begin:5  inner loop begin:5,101  inner loop end:5,101  inner loop begin:5,102  inner loop end:5,102  inner loop begin:5,103  inner loop begin:5,104  inner loop end:5,104  inner loop begin:5,105  inner loop end:5,105  outer loop end:5  outer loop begin:6  inner loop begin:6,101  inner loop end:6,101  inner loop begin:6,102  inner loop end:6,102  inner loop begin:6,103  inner loop begin:6,104  inner loop end:6,104  inner loop begin:6,105  inner loop end:6,105  outer loop end:6  outer loop begin:7  inner loop begin:7,101  inner loop end:7,101  inner loop begin:7,102  inner loop end:7,102  inner loop begin:7,103  inner loop begin:7,104  inner loop end:7,104  inner loop begin:7,105  inner loop end:7,105  outer loop end:7  outer loop begin:8  inner loop begin:8,101  inner loop end:8,101  inner loop begin:8,102  inner loop end:8,102  inner loop begin:8,103  inner loop begin:8,104  inner loop end:8,104  inner loop begin:8,105  inner loop end:8,105  outer loop end:8  outer loop begin:9  inner loop begin:9,101  inner loop end:9,101  inner loop begin:9,102  inner loop end:9,102  inner loop begin:9,103  inner loop begin:9,104  inner loop end:9,104  inner loop begin:9,105  inner loop end:9,105  outer loop end:9  outer loop begin:10  inner loop begin:10,101  inner loop end:10,101  inner loop begin:10,102  inner loop end:10,102  inner loop begin:10,103  inner loop begin:10,104  inner loop end:10,104  inner loop begin:10,105  inner loop end:10,105  outer loop end:10  main end |  |  | | --- | | D.  main begin  outer loop begin:1  inner loop begin:1,101  inner loop end:1,101  inner loop begin:1,102  inner loop end:1,102  inner loop begin:1,103  inner loop end:1,103  inner loop begin:1,104  inner loop end:1,104  inner loop begin:1,105  inner loop end:1,105  outer loop end:1  outer loop begin:2  inner loop begin:2,101  inner loop end:2,101  inner loop begin:2,102  inner loop end:2,102  inner loop begin:2,103  inner loop end:2,103  inner loop begin:2,104  inner loop end:2,104  inner loop begin:2,105  inner loop end:2,105  outer loop end:2  outer loop begin:3  inner loop begin:3,101  inner loop end:3,101  inner loop begin:3,102  inner loop end:3,102  inner loop begin:3,103  inner loop end:3,103  inner loop begin:3,104  inner loop end:3,104  inner loop begin:3,105  inner loop end:3,105  outer loop end:3  outer loop begin:4  inner loop begin:4,101  inner loop end:4,101  inner loop begin:4,102  inner loop end:4,102  inner loop begin:4,103  inner loop end:4,103  inner loop begin:4,104  inner loop end:4,104  inner loop begin:4,105  inner loop end:4,105  outer loop end:4  outer loop begin:5  inner loop begin:5,101  inner loop end:5,101  inner loop begin:5,102  inner loop end:5,102  inner loop begin:5,103  inner loop end:5,103  inner loop begin:5,104  inner loop end:5,104  inner loop begin:5,105  inner loop end:5,105  outer loop end:5  outer loop begin:6  inner loop begin:6,101  inner loop end:6,101  inner loop begin:6,102  inner loop end:6,102  inner loop begin:6,103  inner loop end:6,103  inner loop begin:6,104  inner loop end:6,104  inner loop begin:6,105  inner loop end:6,105  outer loop end:6  outer loop begin:7  inner loop begin:7,101  inner loop end:7,101  inner loop begin:7,102  inner loop end:7,102  inner loop begin:7,103  inner loop end:7,103  inner loop begin:7,104  inner loop end:7,104  inner loop begin:7,105  inner loop end:7,105  outer loop end:7  outer loop begin:8  inner loop begin:8,101  inner loop end:8,101  inner loop begin:8,102  inner loop end:8,102  inner loop begin:8,103  inner loop end:8,103  inner loop begin:8,104  inner loop end:8,104  inner loop begin:8,105  inner loop end:8,105  outer loop end:8  outer loop begin:9  inner loop begin:9,101  inner loop end:9,101  inner loop begin:9,102  inner loop end:9,102  inner loop begin:9,103  inner loop end:9,103  inner loop begin:9,104  inner loop end:9,104  inner loop begin:9,105  inner loop end:9,105  outer loop end:9  outer loop begin:10  inner loop begin:10,101  inner loop end:10,101  inner loop begin:10,102  inner loop end:10,102  inner loop begin:10,103  inner loop end:10,103  inner loop begin:10,104  inner loop end:10,104  main end" | | | |
| **Correct Answer: C** | | |

|  |  |
| --- | --- |
| **43.** | class L  {  public static void main(String[] args)  {  System.out.println("main begin");  for(int i = 1; i <= 10; i++)  {  System.out.println("outer loop begin:" + i);  for(int j = 101; j <= 105; j++)  {  System.out.println("inner loop begin:" + i + "," + j);  if(j == 103)  {  break;  }  System.out.println("inner loop end:" + i + "," + j);  }  System.out.println("outer loop end:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  main begin  outer loop begin:1  inner loop begin:1,101  inner loop end:1,101  inner loop begin:1,102  inner loop end:1,102  inner loop begin:1,103  outer loop end:1  outer loop begin:2  inner loop begin:2,101  inner loop end:2,101  inner loop begin:2,102  inner loop end:2,102  inner loop begin:2,103  outer loop end:2  outer loop begin:3  inner loop begin:3,101  inner loop end:3,101  inner loop begin:3,102  inner loop end:3,102  inner loop begin:3,103  outer loop end:3  outer loop begin:4  inner loop begin:4,101  inner loop end:4,101  inner loop begin:4,102  inner loop end:4,102  inner loop begin:4,103  outer loop end:4  outer loop begin:5  inner loop begin:5,101  inner loop end:5,101  inner loop begin:5,102  inner loop end:5,102  inner loop begin:5,103  outer loop end:5  outer loop begin:6  inner loop begin:6,101  inner loop end:6,101  inner loop begin:6,102  inner loop end:6,102  inner loop begin:6,103  outer loop end:6  outer loop begin:7  inner loop begin:7,101  inner loop end:7,101  inner loop begin:7,102  inner loop end:7,102  inner loop begin:7,103  outer loop end:7  outer loop begin:8  inner loop begin:8,101  inner loop end:8,101  inner loop begin:8,102  inner loop end:8,102  inner loop begin:8,103  outer loop end:8  outer loop begin:9  inner loop begin:9,101  inner loop end:9,101  inner loop begin:9,102  inner loop end:9,102  inner loop begin:9,103  outer loop end:9  outer loop begin:10  inner loop begin:10,101  inner loop end:10,101  inner loop begin:10,102  inner loop end:10,102  inner loop begin:10,103  outer loop end:10  main end |  |  | | --- | | C.  infinite loop | | | |
| **Correct Answer: B** | | |
| **44.** | class M  {  public static void main(String[] args)  {  System.out.println("main begin");  loop1:  for(int i = 1; i <= 10; i++)  {  System.out.println("outer loop begin:" + i);  loop2:  for(int j = 101; j <= 105; j++)  {  System.out.println("inner loop begin:" + i + "," + j);  if(j == 103)  {  break loop2;  }  System.out.println("inner loop end:" + i + "," + j);  }  System.out.println("outer loop end:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  main begin  outer loop begin:1  inner loop begin:1,101  inner loop end:1,101  inner loop begin:1,102  inner loop end:1,102  inner loop begin:1,103  outer loop end:1  outer loop begin:2  inner loop begin:2,101  inner loop end:2,101  inner loop begin:2,102  inner loop end:2,102  inner loop begin:2,103  outer loop end:2  outer loop begin:3  inner loop begin:3,101  inner loop end:3,101  inner loop begin:3,102  inner loop end:3,102  inner loop begin:3,103  outer loop end:3  outer loop begin:4  inner loop begin:4,101  inner loop end:4,101  inner loop begin:4,102  inner loop end:4,102  inner loop begin:4,103  outer loop end:4  outer loop begin:5  inner loop begin:5,101  inner loop end:5,101  inner loop begin:5,102  inner loop end:5,102  inner loop begin:5,103  outer loop end:5  outer loop begin:6  inner loop begin:6,101  inner loop end:6,101  inner loop begin:6,102  inner loop end:6,102  inner loop begin:6,103  outer loop end:6  outer loop begin:7  inner loop begin:7,101  inner loop end:7,101  inner loop begin:7,102  inner loop end:7,102  inner loop begin:7,103  outer loop end:7  outer loop begin:8  inner loop begin:8,101  inner loop end:8,101  inner loop begin:8,102  inner loop end:8,102  inner loop begin:8,103  outer loop end:8  outer loop begin:9  inner loop begin:9,101  inner loop end:9,101  inner loop begin:9,102  inner loop end:9,102  inner loop begin:9,103  outer loop end:9  outer loop begin:10  inner loop begin:10,101  inner loop end:10,101  inner loop begin:10,102  inner loop end:10,102  inner loop begin:10,103  outer loop end:10  main end |  |  | | --- | | B.  infinite loop |  |  | | --- | | C.  compile time error |  |  | | --- | | D.  main begin  outer loop begin:1  inner loop begin:1,101  inner loop end:1,101  inner loop begin:1,102  inner loop end:1,102  inner loop begin:1,103  outer loop end:1  outer loop begin:2  inner loop begin:2,101  inner loop end:2,101  inner loop begin:2,102  inner loop end:2,102  inner loop begin:2,103  outer loop end:2  outer loop begin:3  inner loop begin:3,101  inner loop end:3,101  inner loop begin:3,102  inner loop end:3,102  inner loop begin:3,103  outer loop end:3  outer loop begin:4  inner loop begin:4,101  inner loop end:4,101  inner loop begin:4,102  inner loop end:4,102  inner loop begin:4,103  outer loop end:4  outer loop begin:5  inner loop begin:5,101  inner loop end:5,101  inner loop begin:5,102  inner loop end:5,102  inner loop begin:5,103  outer loop end:5  outer loop begin:6  inner loop begin:6,101  inner loop end:6,101  inner loop begin:6,102  inner loop end:6,102  inner loop begin:6,103  outer loop end:6  outer loop begin:7  inner loop begin:7,101  inner loop end:7,101  inner loop begin:7,102  inner loop end:7,102  inner loop begin:7,103  outer loop end:7  outer loop begin:8  inner loop begin:8,101  inner loop end:8,101  inner loop begin:8,102  inner loop end:8,102  inner loop begin:8,103  outer loop end:8  outer loop begin:9  inner loop begin:9,101  inner loop end:9,101  inner loop begin:9,102  inner loop end:9,102  inner loop begin:9,103  outer loop end:9  outer loop begin:10  inner loop begin:10,101  inner loop end:10,101  inner loop begin:10,102  inner loop end:10,102  main end | | | |
| **Correct Answer: A** | | |

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| **45.** | class N  {  public static void main(String[] args)  {  System.out.println("main begin");  loop1:  for(int i = 1; i <= 10; i++)  {  System.out.println("outer loop begin:" + i);  loop2:  for(int j = 101; j <= 105; j++)  {  System.out.println("inner loop begin:" + i + "," + j);  if(j == 103)  {  break loop1;  }  System.out.println("inner loop end:" + i + "," + j);  }  System.out.println("outer loop end:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  main begin  outer loop begin:1  inner loop begin:1,101  inner loop end:1,101  inner loop begin:1,102  inner loop end:1,102  inner loop begin:1,103  outer loop end:1  outer loop begin:2  inner loop begin:2,101  inner loop end:2,101  inner loop begin:2,102  inner loop end:2,102  inner loop begin:2,103  outer loop end:2  outer loop begin:3  inner loop begin:3,101  inner loop end:3,101  inner loop begin:3,102  inner loop end:3,102  inner loop begin:3,103  outer loop end:3  outer loop begin:4  inner loop begin:4,101  inner loop end:4,101  inner loop begin:4,102  inner loop end:4,102  inner loop begin:4,103  outer loop end:4  outer loop begin:5  inner loop begin:5,101  inner loop end:5,101  inner loop begin:5,102  inner loop end:5,102  inner loop begin:5,103  outer loop end:5  outer loop begin:6  inner loop begin:6,101  inner loop end:6,101  inner loop begin:6,102  inner loop end:6,102  inner loop begin:6,103  outer loop end:6  outer loop begin:7  inner loop begin:7,101  inner loop end:7,101  inner loop begin:7,102  inner loop end:7,102  inner loop begin:7,103  outer loop end:7  outer loop begin:8  inner loop begin:8,101  inner loop end:8,101  inner loop begin:8,102  inner loop end:8,102  inner loop begin:8,103  outer loop end:8  outer loop begin:9  inner loop begin:9,101  inner loop end:9,101  inner loop begin:9,102  inner loop end:9,102  inner loop begin:9,103  outer loop end:9  outer loop begin:10  inner loop begin:10,101  inner loop end:10,101  inner loop begin:10,102  inner loop end:10,102  inner loop begin:10,103  outer loop end:10  main end |  |  | | --- | | B.  infinite loop |  |  | | --- | | C.  compile time error |  |  | | --- | | D.  main begin  outer loop begin:1  inner loop begin:1,101  inner loop end:1,101  inner loop begin:1,102  inner loop end:1,102  inner loop begin:1,103  main end | | | |
| **Correct Answer: D** | | |
| **46.** | class O  {  public static void main(String[] args)  {  System.out.println("main begin");  loop1:  for(int i = 1; i <= 10; i++)  {  System.out.println("outer loop begin:" + i);  loop2:  for(int j = 101; j <= 105; j++)  {  System.out.println("inner loop begin:" + i + "," + j);  if(j == 103)  {  continue loop1;  }  System.out.println("inner loop end:" + i + "," + j);  }  System.out.println("outer loop end:" + i);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  infinite loop |  |  | | --- | | B.  main begin  outer loop begin:1  inner loop begin:1,101  inner loop end:1,101  inner loop begin:1,102  inner loop end:1,102  inner loop begin:1,103  outer loop begin:2  inner loop begin:2,101  inner loop end:2,101  inner loop begin:2,102  inner loop end:2,102  inner loop begin:2,103  outer loop begin:3  inner loop begin:3,101  inner loop end:3,101  inner loop begin:3,102  inner loop end:3,102  inner loop begin:3,103  outer loop begin:4  inner loop begin:4,101  inner loop end:4,101  inner loop begin:4,102  inner loop end:4,102  inner loop begin:4,103  outer loop begin:5  inner loop begin:5,101  inner loop end:5,101  inner loop begin:5,102  inner loop end:5,102  inner loop begin:5,103  outer loop begin:6  inner loop begin:6,101  inner loop end:6,101  inner loop begin:6,102  inner loop end:6,102  inner loop begin:6,103  outer loop begin:7  inner loop begin:7,101  inner loop end:7,101  inner loop begin:7,102  inner loop end:7,102  inner loop begin:7,103  outer loop begin:8  inner loop begin:8,101  inner loop end:8,101  inner loop begin:8,102  inner loop end:8,102  inner loop begin:8,103  outer loop begin:9  inner loop begin:9,101  inner loop end:9,101  inner loop begin:9,102  inner loop end:9,102  inner loop begin:9,103  outer loop begin:10  inner loop begin:10,101  inner loop end:10,101  inner loop begin:10,102  inner loop end:10,102  inner loop begin:10,103  main end |  |  | | --- | | C.  main begin  outer loop begin:1  inner loop begin:1,101  inner loop end:1,101  inner loop begin:1,102  inner loop end:1,102  inner loop begin:1,103  outer loop begin:2  inner loop begin:2,101  inner loop end:2,101  inner loop begin:2,102  inner loop end:2,102  inner loop begin:2,103  outer loop begin:3  inner loop begin:3,101  inner loop end:3,101  inner loop begin:3,102  inner loop end:3,102  inner loop begin:3,103  outer loop begin:4  inner loop begin:4,101  inner loop end:4,101  inner loop begin:4,102  inner loop end:4,102  inner loop begin:4,103  outer loop begin:5  inner loop begin:5,101  inner loop end:5,101  inner loop begin:5,103  outer loop begin:6  inner loop begin:6,101  inner loop end:6,101  inner loop begin:6,102  inner loop end:6,102  inner loop begin:6,103  outer loop begin:7  inner loop begin:7,101  inner loop end:7,101  inner loop begin:7,102  inner loop end:7,102  inner loop begin:7,103  outer loop begin:8  inner loop begin:8,101  inner loop end:8,101  inner loop begin:8,102  inner loop end:8,102  inner loop begin:8,103  outer loop begin:9  inner loop begin:9,101  inner loop end:9,101  inner loop begin:9,102  inner loop end:9,102  inner loop begin:9,103  outer loop begin:10  inner loop begin:10,101  inner loop end:10,101  inner loop begin:10,102  inner loop end:10,102  inner loop begin:10,103  main end | | | |
| **Correct Answer: B** | | |

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| **47.** | class P  {  public static void main(String[] args)  {  System.out.println("main begin");  int[] elements = {10, 30, 20, 70, 35, 28};  for(int element : elements) //for-each (JDK1.5)  {  System.out.println(element);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  main begin  10  30  20  70  35  28  main end |  |  | | --- | | C.  main begin  10  30  20  70  35  main end | | | |
| **Correct Answer: B** | | |
| **48.** | class Q  {  public static void main(String[] args)  {  System.out.println("main begin");  String[] elements = {"hello", "test", "123", "567", "true", "#$%"};  for(String element : elements)  {  System.out.println(element);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  main begin  hello  test  123  567  true  #$%  main end |  |  | | --- | | B.  main begin  10  30  20  70  35  28  main end |  |  | | --- | | C.  main begin  hello  123  567  true  #$%  main end | | | |
| **Correct Answer: A** | | |

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| **49.** | class R  {  public static void main(String[] args)  {  System.out.println("main begin");  double[] elements = {1.2, 4.5, 7.0};  for(int element : elements)  {  System.out.println(element);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  main begin  10  30  20  70  35  28  main end |  |  | | --- | | C.  main begin  hello  123  567  true  #$%  main end | | | |
| **Correct Answer: A** | | |
| **50.** | class S  {  public static void main(String[] args)  {  System.out.println("main begin");  double[] elements = {1.2, 4.5, 7.0};  double element;  for(element : elements)  {  System.out.println(element);  }  System.out.println("main end");  }  } |
| |  | | --- | | A.  main begin  10  30  20  70  35  28  main end |  |  | | --- | | B.  compile time error |  |  | | --- | | C.  main begin  10  30  20  7  35  28  main end | | | |
| **Correct Answer: B** | | |

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| **51.** | class A  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  while(i <= 5)  {  System.out.println("loop begin:" + i);  System.out.println("loop end:" + i);  i++;  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  main begin  loop begin:1  loop end:1  loop begin:2  loop end:2  loop begin:3  loop end:3  loop begin:4  loop end:4  loop begin:5  loop end:5  main end:6 |  |  | | --- | | B.  compile time error |  |  | | --- | | C.  main begin  loop begin:1  loop end:1  loop begin:2  loop end:2  loop begin:3  loop end:3  loop begin:4  loop end:4  loop begin:5  main end:6 | | | |
| **Correct Answer: A** | | |
| **52.** | class B  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 10;  while(i <= 5)  {  System.out.println("loop begin:" + i);  System.out.println("loop end:" + i);  i++;  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  main begin  loop begin:1  loop end:1  loop begin:2  loop end:2  loop begin:3  loop end:3  loop begin:4  loop end:4  loop begin:5  loop end:5  main end:6 |  |  | | --- | | B.  compile time error |  |  | | --- | | C.  main begin  main end:10 | | | |
| **Correct Answer: C** | | |

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| **53.** | class C  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  while(i <= 5);  {  System.out.println("loop begin:" + i);  System.out.println("loop end:" + i);  i++;  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  main begin  loop begin:1  loop end:1  loop begin:2  loop end:2  loop begin:3  loop end:3  loop begin:4  loop end:4  loop begin:5  loop end:5  main end:6 |  |  | | --- | | B.  main begin |  |  | | --- | | C.  infinite loop | | | |
| **Correct Answer: B** | | |
| **54.** | class D  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  while(i++ <= 5)  {  System.out.println("loop begin:" + i);  System.out.println("loop end:" + i);  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  main begin  loop begin:2  loop end:2  loop begin:3  loop end:3  loop begin:4  loop end:4  loop begin:5  loop end:5  loop begin:6  loop end:6  main end:7 |  |  | | --- | | B.  main begin  loop begin:2  loop end:2  loop begin:3  loop end:3  loop begin:4  loop end:4  loop begin:5  loop end:5  main end:7 |  |  | | --- | | C.  infinite loop | | | |
| **Correct Answer: A** | | |

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| **55.** | class E  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  while(i++ <= 5);  {  System.out.println("loop begin:" + i);  System.out.println("loop end:" + i);  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  infinite loop |  |  | | --- | | B.  main begin  loop begin:7  loop end:7  main end:7 |  |  | | --- | | C.  main begin  loop begin:6  loop end:6  main end:7 | | | |
| **Correct Answer: B** | | |
| **56.** | class F  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  while(i <= 5)  System.out.println("loop begin:" + i);  System.out.println("loop end:" + i);  i++;  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  infinite loop |  |  | | --- | | B.  main begin |  |  | | --- | | C.  compile time error | | | |
| **Correct Answer: A** | | |

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| **57.** | class G  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  while(i <= 5)  System.out.println("loop begin:" + i++);  System.out.println("loop end:" + i);  i++;  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  main begin  loop begin:1  loop begin:2  loop begin:3  loop begin:4  loop begin:5  loop end:6  main end:7 |  |  | | --- | | B.  infinite loop |  |  | | --- | | C.  main begin  loop begin:1  loop begin:2  loop begin:3  loop begin:4  loop begin:5  loop end:6  main end:6 | | | |
| **Correct Answer: A** | | |
| **58.** | class H  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  while(i++ <= 5)  System.out.println("loop begin:" + i);  System.out.println("loop end:" + i);  i++;  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  main begin  loop begin:2  loop begin:3  loop begin:4  loop begin:5  loop begin:6  loop end:7  main end:8 |  |  | | --- | | C.  infinite loop |  |  | | --- | | D.  main begin  loop begin:2  loop begin:3  loop begin:4  loop begin:5  loop begin:6  loop end:7  main end:7 | | | |
| **Correct Answer: B** | | |

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| **59.** | class I  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  while(i++ <= 5);  System.out.println("loop begin:" + i);  System.out.println("loop end:" + i);  i++;  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  infinite loop |  |  | | --- | | B.  main begin  loop begin:7  loop end:7  main end:7 |  |  | | --- | | C.  compile time error |  |  | | --- | | D.  main begin  loop begin:7  loop end:7  main end:8 | | | |
| **Correct Answer: D** | | |
| **60.** | class J  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  while(i <= 5)  {  System.out.println("loop begin:" + i);  if(i == 3)  {  continue;  }  System.out.println("loop end:" + i);  i++;  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  infinite loop |  |  | | --- | | B.  loop begin:3  loop begin:3  loop begin:3  loop begin:3  loop begin:3  loop begin:3  loop begin:3  loop begin:3  loop begin:3  loop begin:3  loop begin:3 |  |  | | --- | | C.  loop begin:3  loop begin:3  loop begin:3  loop begin:3  loop begin:3  loop begin:3  loop begin:3  loop begin:3 | | | |
| **Correct Answer: A** | | |

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| **61.** | class K  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  while(i <= 5)  {  System.out.println("loop begin:" + i);  if(i == 3)  {  i++;  continue;  }  System.out.println("loop end:" + i);  i++;  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  main begin  loop begin:1  loop end:1  loop begin:2  loop end:2  loop begin:3  loop begin:4  loop end:4  loop begin:5  loop end:5  main end:5 |  |  | | --- | | B.  main begin  loop begin:1  loop end:1  loop begin:2  loop end:2  loop begin:3  loop begin:4  loop end:4  loop begin:5  loop end:5  main end:6 |  |  | | --- | | C.  infinite loop |  |  | | --- | | D.  compile time error | | | |
| **Correct Answer: B** | | |
| **62.** | class L  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  while(i <= 5)  {  System.out.println("loop begin:" + i);  if(i == 3)  {  break;  }  System.out.println("loop end:" + i);  i++;  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  infinite loop |  |  | | --- | | B.  compile time error |  |  | | --- | | C.  loop end:1  loop begin:2  loop end:2  loop begin:3  main end:3 |  |  | | --- | | D.  loop end:1  loop begin:2  loop end:2  loop begin:2  main end:3 | | | |
| **Correct Answer: C** | | |

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| **63.** | class M  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  while(i <= 5)  {  System.out.println("loop begin:" + i);  for(int j = 101; j <= 103; j++)  {  System.out.println("inner loop begin " + i + ", " + j);  System.out.println("inner loop end " + i + ", " + j);  }  System.out.println("loop end:" + i);  i++;  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  main begin  loop begin:1  inner loop begin 1, 101  inner loop end 1, 101  inner loop begin 1, 102  inner loop end 1, 102  inner loop begin 1, 103  inner loop end 1, 103  loop end:1  loop begin:2  inner loop begin 2, 101  inner loop end 2, 101  inner loop begin 2, 102  inner loop end 2, 102  inner loop begin 2, 103  inner loop end 2, 103  loop end:2  loop begin:3  inner loop begin 3, 101  inner loop end 3, 101  inner loop begin 3, 102  inner loop end 3, 102  inner loop begin 3, 103  inner loop end 3, 103  loop end:3  loop begin:4  inner loop begin 4, 101  inner loop end 4, 101  inner loop begin 4, 102  inner loop end 4, 102  inner loop begin 4, 103  inner loop end 4, 103  loop end:4  loop begin:5  inner loop begin 5, 101  inner loop end 5, 101  inner loop begin 5, 102  inner loop end 5, 102  inner loop begin 5, 103  inner loop end 5, 103  loop end:5  main end:6 |  |  | | --- | | B.  infinite loop |  |  | | --- | | C.  main begin  loop begin:0  inner loop begin 1, 101  inner loop end 1, 101  inner loop begin 1, 102  inner loop end 1, 102  inner loop begin 1, 103  inner loop end 1, 103  loop end:1  loop begin:2  inner loop begin 2, 101  inner loop end 2, 101  inner loop begin 2, 102  inner loop end 2, 102  inner loop begin 2, 103  inner loop end 2, 103  loop end:2  loop begin:3  inner loop begin 3, 101  inner loop end 3, 101  inner loop begin 3, 102  inner loop end 3, 102  inner loop begin 3, 103  inner loop end 3, 103  loop end:3  loop begin:4  inner loop begin 4, 101  inner loop end 4, 101  inner loop begin 4, 102  inner loop end 4, 102  inner loop begin 4, 103  inner loop end 4, 103  loop end:4  loop begin:5  inner loop begin 5, 101  inner loop end 5, 101  inner loop begin 5, 102  inner loop end 5, 102  inner loop begin 5, 103  inner loop end 5, 103  loop end:5  main end:6 |  |  | | --- | | D.  compile time error | | | |
| **Correct Answer: A** | | |
| **64.** | class N  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  while(i <= 5)  {  System.out.println("loop begin:" + i);  for(int j = 101; j <= 103; j++)  {  System.out.println("inner loop begin " + i + ", " + j);  if(j == 102)  {  break;  }  System.out.println("inner loop end " + i + ", " + j);  }  System.out.println("loop end:" + i);  i++;  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  main begin  loop begin:1  inner loop begin 1, 101  inner loop end 1, 101  inner loop begin 1, 102  loop end:1  loop begin:2  inner loop begin 2, 101  inner loop end 2, 101  inner loop begin 2, 102  loop end:2  loop begin:3  inner loop begin 3, 101  inner loop end 3, 101  inner loop begin 3, 102  loop end:3  loop begin:4  inner loop begin 4, 101  inner loop end 4, 101  inner loop begin 4, 102  loop end:4  loop begin:5  inner loop begin 5, 101  inner loop end 5, 101  inner loop begin 5, 102  loop end:5  main end:6 |  |  | | --- | | C.  main begin  loop begin:0  inner loop begin 1, 101  inner loop end 1, 101  inner loop begin 1, 102  loop end:1  loop begin:2  inner loop begin 2, 101  inner loop end 2, 101  inner loop begin 2, 102  loop end:2  loop begin:3  inner loop begin 3, 101  inner loop end 3, 101  inner loop begin 3, 102  loop end:3  loop begin:4  inner loop begin 4, 101  inner loop end 4, 101  inner loop begin 4, 102  loop end:4  loop begin:5  inner loop begin 5, 101  inner loop end 5, 101  inner loop begin 5, 102  loop end:5  main end:6 | | | |
| **Correct Answer: B** | | |

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| **65.** | class O  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  while(i <= 5)  {  System.out.println("loop begin:" + i);  for(int j = 101; j <= 103; j++)  {  System.out.println("inner loop begin " + i + ", " + j);  if(j == 102)  {  continue;  }  System.out.println("inner loop end " + i + ", " + j);  }  System.out.println("loop end:" + i);  i++;  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  main begin  loop begin:1  inner loop begin 1, 101  inner loop end 1, 101  inner loop begin 1, 102  inner loop begin 1, 103  inner loop end 1, 103  loop end:1  loop begin:2  inner loop begin 2, 101  inner loop end 2, 101  inner loop begin 2, 102  inner loop begin 2, 103  inner loop end 2, 103  loop end:2  loop begin:3  inner loop begin 3, 101  inner loop end 3, 101  inner loop begin 3, 102  inner loop begin 3, 103  inner loop end 3, 103  loop end:3  loop begin:4  inner loop begin 4, 101  inner loop end 4, 101  inner loop begin 4, 102  inner loop begin 4, 103  inner loop end 4, 103  loop end:4  loop begin:5  inner loop begin 5, 101  inner loop end 5, 101  inner loop begin 5, 102  inner loop begin 5, 103  inner loop end 5, 103  loop end:5  main end:6 |  |  | | --- | | B.  main begin  loop begin:1  inner loop begin 1, 101  inner loop end 1, 101  inner loop begin 1, 102  inner loop begin 1, 103  inner loop end 1, 103  loop end:1  loop begin:1  inner loop begin 2, 101  inner loop end 2, 101  inner loop begin 2, 102  inner loop begin 2, 103  inner loop end 2, 103  loop end:2  loop begin:3  inner loop begin 3, 101  inner loop end 3, 101  inner loop begin 3, 102  inner loop begin 3, 103  inner loop end 3, 103  loop end:3  loop begin:4  inner loop begin 4, 101  inner loop end 4, 101  inner loop begin 4, 102  inner loop begin 4, 103  inner loop end 4, 103  loop end:4  loop begin:5  inner loop begin 5, 101  inner loop end 5, 101  inner loop begin 5, 102  inner loop begin 5, 103  inner loop end 5, 103  loop end:5  main end:6 |  |  | | --- | | C.  main begin  loop begin:1  inner loop begin 1, 101  inner loop end 1, 101  inner loop begin 1, 102  inner loop begin 1, 103  inner loop end 1, 103  loop end:1  loop begin:2  inner loop begin 2, 101  inner loop end 2, 101  inner loop begin 2, 102  inner loop begin 2, 103  inner loop end 2, 103  loop end:2  loop begin:3  inner loop begin 3, 101  inner loop end 3, 101  inner loop begin 3, 102  inner loop begin 3, 103  inner loop end 3, 103  loop end:3  loop begin:4  inner loop begin 4, 101  inner loop end 4, 101  inner loop begin 4, 102  inner loop begin 4, 103  inner loop end 4, 103  loop end:4  loop begin:5  inner loop begin 5, 101  inner loop end 5, 101  inner loop begin 5, 102  inner loop begin 5, 103  inner loop end 5, 103  loop end:5  main end:5 |  |  | | --- | | D.  infinite loop | | | |
| **Correct Answer: A** | | |
| **66.** | class P  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  abc:  while(i <= 5)  {  System.out.println("loop begin:" + i);  for(int j = 101; j <= 103; j++)  {  System.out.println("inner loop begin " + i + ", " + j);  if(j == 102)  {  continue abc;  }  System.out.println("inner loop end " + i + ", " + j);  }  System.out.println("loop end:" + i);  i++;  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  infinite loop |  |  | | --- | | B.  compile time error |  |  | | --- | | C.  inner loop begin 1, 101  inner loop end 1, 101  inner loop begin 1, 102  loop begin:1 | | | |
| **Correct Answer: A** | | |

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| **67.** | class Q  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  abc:  while(i <= 5)  {  System.out.println("loop begin:" + i);  for(int j = 101; j <= 103; j++)  {  System.out.println("inner loop begin " + i + ", " + j);  if(j == 102)  {  i++;  continue abc;  }  System.out.println("inner loop end " + i + ", " + j);  }  System.out.println("loop end:" + i);  i++;  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  infinite loop |  |  | | --- | | C.  main begin  loop begin:1  inner loop begin 1, 101  inner loop end 1, 101  inner loop begin 1, 102  loop begin:2  inner loop begin 2, 101  inner loop end 2, 101  inner loop begin 2, 102  loop begin:3  inner loop begin 3, 101  inner loop end 3, 101  inner loop begin 3, 102  loop begin:4  inner loop begin 4, 101  inner loop end 4, 101  inner loop begin 4, 102  loop begin:5  inner loop begin 5, 101  inner loop end 5, 101  inner loop begin 5, 102  main end:6 |  |  | | --- | | D.  main begin  loop begin:0  inner loop begin 1, 101  inner loop end 1, 101  inner loop begin 1, 102  loop begin:2  inner loop begin 2, 101  inner loop end 2, 101  inner loop begin 2, 102  loop begin:3  inner loop begin 3, 101  inner loop end 3, 101  inner loop begin 3, 102  loop begin:4  inner loop begin 4, 101  inner loop end 4, 101  inner loop begin 4, 102  loop begin:5  inner loop begin 5, 101  inner loop end 5, 101  inner loop begin 5, 102  main end:6 | | | |
| **Correct Answer: C** | | |
| **68.** | class R  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  abc:  while(i <= 5)  {  System.out.println("loop begin:" + i);  for(int j = 101; j <= 103; j++)  {  System.out.println("inner loop begin " + i + ", " + j);  if(j == 102)  {  break abc;  }  System.out.println("inner loop end " + i + ", " + j);  }  System.out.println("loop end:" + i);  i++;  }  System.out.println("main end:" + i);  }  } |
| |  | | --- | | A.  infinite loop |  |  | | --- | | B.  main begin  loop begin:1  inner loop begin 1, 101  inner loop end 1, 101  inner loop begin 1, 102  main end:1 |  |  | | --- | | C.  main begin  loop begin:1  inner loop begin 1, 101  inner loop end 1, 101  inner loop begin 1, 102  main end:2 | | | |
| **Correct Answer: B** | | |

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| **69.** | class S  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  do  {  System.out.println("body begin:" + i);  System.out.println("body end:" + i);  i++;  }  while (i <= 5);  System.out.println("main end");  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  main begin  body begin:1  body end:1  body begin:2  body end:2  body begin:3  body end:3  body begin:4  body end:4  body begin:5  body end:5  main end |  |  | | --- | | C.  main begin  body begin:1  body end:2  body begin:2  body end:2  body begin:3  body end:3  body begin:4  body end:4  body begin:5  body end:5  main end |  |  | | --- | | D.  infinite loop | | | |
| **Correct Answer: B** | | |
| **70.** | class T  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 10;  do  {  System.out.println("body begin:" + i);  System.out.println("body end:" + i);  i++;  }  while (i <= 5);  System.out.println("main end");  }  } |
| |  | | --- | | A.  main begin  body begin:10  body end:10  main end |  |  | | --- | | B.  main begin  body begin:1  body end:1  body begin:2  body end:2  body begin:3  body end:3  body begin:4  body end:4  body begin:5  body end:5  main end |  |  | | --- | | C.  infiniteloop | | | |
| **Correct Answer: A** | | |

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| **71.** | class U  {  public static void main(String[] args)  {  System.out.println("main begin");  int i = 1;  do  {  System.out.println("body begin:" + i);  System.out.println("body end:" + i);  i++;  }  while (i <= 5)  System.out.println("main end");  }  } |
| |  | | --- | | A.  main begin  body begin:10  body end:10  main end |  |  | | --- | | B.  main begin  body begin:1  body end:1  body begin:2  body end:2  body begin:3  body end:3  body begin:4  body end:4  body begin:5  body end:5  main end |  |  | | --- | | C.  compile time error | | | |
| **Correct Answer: C** | | |
| **72.** | class V  {  public static void main(String[] args)  {  System.out.println("main begin");  do  {  int i = 1;  System.out.println("body begin:" + i);  System.out.println("body end:" + i);  i++;  }  while (i <= 5);  System.out.println("main end");  }  } |
| |  | | --- | | A.  compile time error |  |  | | --- | | B.  run time error |  |  | | --- | | C.  infiniteloop | | | |
| **Correct Answer: A** | | |

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