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| --- | --- |
| **1.** | class A  {  static int i = 10;  public static void main(String[] args)  {  System.out.println(i);  }  } |
| |  | | --- | | A.  10 |  |  | | --- | | B.  0 |  |  | | --- | | C.  Compile Time Error | | | |
| **Correct Answer: A** | | |
| **2.** | class B  {  static int i = 10;  static int j = 20;  static int k;  public static void main(String[] args)  {  System.out.println(i);  System.out.println(j);  System.out.println(k);  }  } |
| |  | | --- | | A.  10  20  0 |  |  | | --- | | B.  10 20 0 |  |  | | --- | | C.  Compile Time Error | | | |
| **Correct Answer: A** | | |

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| --- | --- |
| **3.** | class C  {  static int i = 10;  static int j = 20;  static int k;  public static void main(String[] args)  {  System.out.println(i);  System.out.println(j);  System.out.println(k);  i = 200;  j = 400;  k = 500;  System.out.println(i);  System.out.println(j);  System.out.println(k);  }  } |
| |  | | --- | | A.  10  20  0  200 400 500 |  |  | | --- | | B.  10  20  0  200  400  500 |  |  | | --- | | C.  Compile Time Error | | | |
| **Correct Answer: B** | | |
| **4.** | class D  {  static int i = 10;  static int j = 20;  static  {  //some code  }  public static void main(String[] args)  {  System.out.println(i + ", " + j);  }  } |
| |  | | --- | | A.  10, 20 |  |  | | --- | | B.  10,  20 |  |  | | --- | | C.  Compile Time Error | | | |
| **Correct Answer: A** | | |

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| **5.** | class E  {  static int i = test1();  static int j = test2();  static  {  System.out.println("from SIB");  }  static int test1()  {  System.out.println("from test1");  return 10;  }  static int test2()  {  System.out.println("from test2");  return 20;  }  public static void main(String[] args)  {  System.out.println("main:" + i + ", " + j);  }  } |
| |  | | --- | | A.  main:0, 0  from SIB  from test1  from test2 |  |  | | --- | | B.  from SIB  from test1  from test2  main:10, 20 |  |  | | --- | | C.  from test1  from test2  from SIB  main:10, 20 |  |  | | --- | | D.  None | | | |
| **Correct Answer: C** | | |
| **6.** | class F  {  static  {  System.out.println("from SIB1");  }  static int i = test1();  static int j = test2();  static  {  System.out.println("from SIB2");  }  static int test1()  {  System.out.println("from test1");  return 10;  }  static int test2()  {  System.out.println("from test2");  return 20;  }  public static void main(String[] args)  {  System.out.println("main:" + i + ", " + j);  }  } |
| |  | | --- | | A.  from SIB1  from test1  from test2  from SIB2  main:10, 20 |  |  | | --- | | B.  main:10, 20  from SIB1  from test1  from test2  from SIB2 |  |  | | --- | | C.  from SIB1  from SIB2  from test1  from test2  main:10, 20 |  |  | | --- | | D.  None | | | |
| **Correct Answer: A** | | |

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| **7.** | class G  {  static int i = test1();  static int j = test2();  static  {  System.out.println("from SIB " + i + ", " + j);  }  static int test1()  {  System.out.println("from test1 " + i + ", " + j);  return 10;  }  static int test2()  {  System.out.println("from test2 " + i + ", " + j);  return 20;  }  public static void main(String[] args)  {  System.out.println("main:" + i + ", " + j);  }  } |
| |  | | --- | | A.  main:0, 0  from test1 0, 0  from test2 10, 0  from SIB2 10, 20 |  |  | | --- | | B.  from test1 0, 0  from test2 10, 0  from SIB 10, 20  main:10, 20 |  |  | | --- | | C.  from SIB 0, 0  from test1 0, 0  from test2 10, 0  main:10, 20 |  |  | | --- | | D.  None | | | |
| **Correct Answer: C** | | |
| **8.** | class H  {  static int i = test1();  static int j = test2();  static  {  System.out.println("from SIB " + i + ", " + j);  i += 1;  j += 2;  }  static int test1()  {  System.out.println("from test1 " + i + ", " + j);  i += 3;  j += 4;  return i + j + 10;  }  static int test2()  {  System.out.println("from test2 " + i + ", " + j);  i += j + 5;  j += i + 6;  return i + j + 20;  }  public static void main(String[] args)  {  System.out.println("main:" + i + ", " + j);  }  } |
| |  | | --- | | A.  main:0, 0  from test1 0, 0  from test2 20, 6  from SIB2 20, 94 |  |  | | --- | | B.  from test1 0, 0  from test2 17, 4  from SIB 26, 82  main:27, 84 |  |  | | --- | | C.  Compile Time Error |  |  | | --- | | D.  None | | | |
| **Correct Answer: B** | | |

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| **9.** | class I  {  static  {  System.out.println("SIB");  }  public static void main(String[] args)  {  System.out.println("main");  }  } | |
| |  | | --- | | A.  SIB  main |  |  | | --- | | B.  main  SIB |  |  | | --- | | C.  Compile Time Error |  |  | | --- | | D.  None | | | | |
| **Correct Answer: A** | | | |
| **10.** | | class J  {  public static void main(String[] args)  {  System.out.println("main");  }  static  {  System.out.println("SIB");  }  } |
| |  | | --- | | A.  SIB  main |  |  | | --- | | B.  main  SIB |  |  | | --- | | C.  Compile Time Error |  |  | | --- | | D.  None | | | | |
| **Correct Answer: A** | | | |

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| **11.** | class K  {  public static void main(String[] args)  {  System.out.println("main");  }  static  {  System.out.println("SIB");  main(null);  }  } |
| |  | | --- | | A.  Compile Time Error |  |  | | --- | | B.  main  SIB |  |  | | --- | | C.  main  SIB  main |  |  | | --- | | D.  SIB  main  main | | | |
| **Correct Answer: D** | | |
| **12.** | class L  {  static int i = test();  public static int test()  {  System.out.println("test begin:" + i);  i = 1;  main(null);  System.out.println("test end:" + i);  i = 2;  return i + 2;  }  public static void main(String[] args)  {  System.out.println("main:" + i);  i += 5;  }  static  {  System.out.println("SIB begin:" + i);  i = 3;  main(null);  System.out.println("SIB end:" + i);  }  } |
| |  | | --- | | A.  test begin:0  main:1  test end:6  SIB begin:4  main:3  SIB end:8  main:8 |  |  | | --- | | B.  main:0  SIB begin:5  main:3  SIB end:8  test begin:8  main:1  test end:1 |  |  | | --- | | C.  Compile Time Error |  |  | | --- | | D.  None | | | |
| **Correct Answer: A** | | |

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| **13.** | class M  {  static int i = test1();  static int j = test2();  static  {  System.out.println("sib begin:" + i + ", " + j);  main(null);  System.out.println("sib end:" + i + ", " + j);  i += 1;  j += 1;  }  static int test1()  {  System.out.println("test1 begin:" + i + ", " + j);  main(null);  System.out.println("test1 end:" + i + ", " + j);  i += j + 2;  j += i + 1;  return i + j + test2();  }  static int test2()  {  System.out.println("test2 begin:" + i + ", " + j);  i += j + 5;  j += i + 4;  main(null);  System.out.println("test2 end:" + i + ", " + j);  i += j + 4;  j += i + 5;  return i + j + 10;  }  public static void main(String[] args)  {  System.out.println("main :" + i + ", " + j);  i += j + i;  j += i + j;  }  } |
| |  | | --- | | A.  test1 begin:0, 0  main :0, 0  test1 end:0, 0  test2 begin:2, 3  main :10, 17  test2 end:37, 71  test2 begin:315, 188  main :508, 700  test2 end:1716, 3116  sib begin:4836, 12803  main :4836, 12803  sib end:22475, 48081  main :22476, 48082 |  |  | | --- | | B.  test1 begin:0, 0  main :0, 0  test1 end:0, 0  test2 begin:2, 3  main :10, 17  test2 end:73, 70  test2 begin:315, 188  main :508, 700  test2 end:1716, 3116  sib begin:4836, 12803  main :4836, 12803  sib end:22475, 49589  main :22476, 49086 |  |  | | --- | | C.  Compile Time Error |  |  | | --- | | D.  None | | | |
| **Correct Answer: A** | | |

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