**Example 47**

class A

{

static int i;

static

{

System.out.println("A.SIB");

}

}

class V

{

static

{

System.out.println("V.SIB");

}

public static void main(String[] args)

{

System.out.println("main begin");

System.out.println(A.i);

System.out.println("main end");

}

}

**output**

V.SIB

main begin

A.SIB

0

main end

**Example 48**

class A

{

static int i = 10;

static

{

System.out.println("A.SIB:" + i);

i = 20;

}

}

class W

{

static

{

System.out.println("W.SIB");

}

public static void main(String[] args)

{

System.out.println("main begin");

System.out.println(A.i);

System.out.println("---------------");

System.out.println(A.i);

System.out.println("---------------");

System.out.println("main end");

}

}

**output**

A.SIB:10

20

---------------

20

---------------

main end

**Example 49**

class A

{

static int i;

static

{

int i = 10;

System.out.println("A.SIB:" + i);

System.out.println("A.SIB:" + A.i);

i = 20;

A.i = 200;

}

}

class X

{

static

{

System.out.println("X.SIB");

}

public static void main(String[] args)

{

System.out.println("main begin");

System.out.println(A.i);

A.i = 300;

System.out.println("---------------");

System.out.println(A.i);

A.i += 300;

System.out.println("---------------");

System.out.println(A.i);

System.out.println("main end");

}

}

**output**

X.SIB

main begin

A.SIB:10

A.SIB:0

200

---------------

300

---------------

600

main end

**Example 50**

class A

{

static

{

System.out.println("A.SIB");

}

static void test()

{

System.out.println("A.test()");

}

}

class Z

{

static

{

System.out.println("Z.SIB");

}

public static void main(String[] args)

{

System.out.println("Z.main begin");

A.test();

System.out.println("----------");

A.test();

System.out.println("----------");

A.test();

System.out.println("Z.main end");

}

}

**output**

Z.SIB

Z.main begin

A.SIB

A.test()

----------

A.test()

----------

A.test()

Z.main end

**Example 51**

class A

{

static int i;

static

{

System.out.println("A.SIB");

}

static void test()

{

System.out.println("A.test()");

}

}

class Z1

{

static

{

System.out.println("Z1.SIB");

}

public static void main(String[] args)

{

System.out.println("Z1.main begin");

A.test();

System.out.println("----------");

System.out.println(A.i);

System.out.println("----------");

A.test();

System.out.println(A.i);

System.out.println("----------");

A.test();

System.out.println("Z.main end");

}

}

**output**

Z1.SIB

Z1.main begin

A.SIB

A.test()

----------

0

----------

A.test()

0

----------

A.test()

Z.main end

**Example 52 (NEW PACK)**

class A

{

public static void test()

{

System.out.println("A.test()");

}

}

**Example 53**

class B

{

public static void main(String[] args)

{

System.out.println("B.main begin");

A.test();

System.out.println("B.main end");

}

}

**output**

java B

B.main begin

A.test()

B.main end

**Example 54 (Saving as Test.java)**

class C

{

static int i = 20;

}

**Example 55**

class D

{

public static void main(String[] args)

{

System.out.println(C.i);

A.test();

}

}

/\*maintain a rule of saving the file with class name to avoid getting confusion.\*/

**output**

D.java:5: error: cannot find symbol

System.out.println(C.i);

^

symbol: variable C

location: class D

1 error

/\* to avoid this type of error save file name as Class name itself i,e replace and recompile the Test.java file with C.java file\*/