|  |  |
| --- | --- |
|  | class sample{ static int i; static int j=2; static int k; static String s1; static String s2="welcome"; static boolean flag;}public class staticvar\_eg{ public static void main(String args[]) { System.out.println(sample.i); System.out.println(sample.j); System.out.println(sample.k); System.out.println(sample.s1); System.out.println(sample.s2); System.out.println(sample.flag);   } } |

Output

|  |
| --- |
| 020nullwelcomefalse |

|  |  |
| --- | --- |
|  | // program to illustrate the use of static and instance variablesclass sample1{ String message; static int count=0; sample1(String message) { this.message=message; count++; } }public class staticdemo1 { public static void main(String args[]) { sample1 s1=new sample1("welcome to java"); System.out.println(s1.message + " "+s1.count); sample1 s2=new sample1("welcome to c++"); System.out.println(s2.message + " "+s2.count);  } } |

|  |
| --- |
| welcome to java 1welcome to c++ 2 |

Output

|  |
| --- |
| welcome to java 1welcome to c++ 1 |

|  |  |
| --- | --- |
|  | // program to illustrate the use of static initialization blockclass sample1{ static int[] x; static  { x=new int[5]; for(int i=0;i<5;i++) { x[i]=i; } }}public class staticinitdemo { public static void main(String args[]) { for(int i=0;i<5;i++) { System.out.println(sample1.x[i]); } }  } |

Output

|  |
| --- |
| 01234 |

|  |  |
| --- | --- |
|  | //program to illustrate value assignment to static variablesclass sample1{ static int no=2;}public class staticdemo2 { public static void main(String args[]) { System.out.println("static value of no is : "+sample1.no); } } |

output

|  |
| --- |
| static value of no is : 2 |

|  |  |
| --- | --- |
|  | //program to illustrate value assignment to static// variables in static blocksclass sample1{ static int no; static  { no=2; }}public class staticdemo3 { public static void main(String args[]) { System.out.println("static value of no is : "+sample1.no); } } |

output

|  |
| --- |
| static value of no is : 2 |

|  |  |
| --- | --- |
|  | // program to illustrate static array//declaration and initializationclass sample1{ static int x[]={10,20,30};}public class staticarrayinit { public static void main(String args[]) { for(int i=0;i<3;i++) { System.out.println("x value is : "+sample1.x[i]); } } } |

Output

|  |
| --- |
| x value is : 10x value is : 20x value is : 30 |