|  |  |
| --- | --- |
|  | 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

|  |
| --- |
| 0  2  0  null  welcome  false |

|  |  |
| --- | --- |
|  | // program to illustrate the use of static and instance variables  class 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 1  welcome to c++ 2 |

Output

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

|  |  |
| --- | --- |
|  | // program to illustrate the use of static initialization block  class 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

|  |
| --- |
| 0  1  2  3  4 |

|  |  |
| --- | --- |
|  | //program to illustrate value assignment to static variables  class 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 blocks  class 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 initialization  class 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 : 10  x value is : 20  x value is : 30 |