

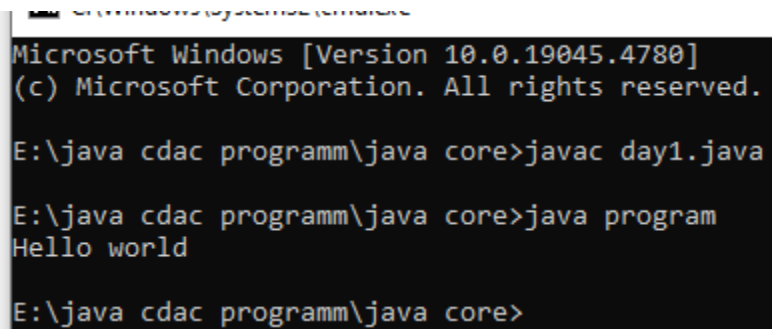
Day 01

### Q.6 Print hellow word

#### Program

```
class program{  
  
    public static void main(String[] args){  
  
        System.out.println("Hello world");  
  
    }  
  
}
```

#### Output



```
Microsoft Windows [Version 10.0.19045.4780]  
(c) Microsoft Corporation. All rights reserved.  
  
E:\java cdac programm\java core>javac day1.java  
  
E:\java cdac programm\java core>java program  
Hello world  
  
E:\java cdac programm\java core>
```

-verbose commnd use

Javac -verbose file name.java

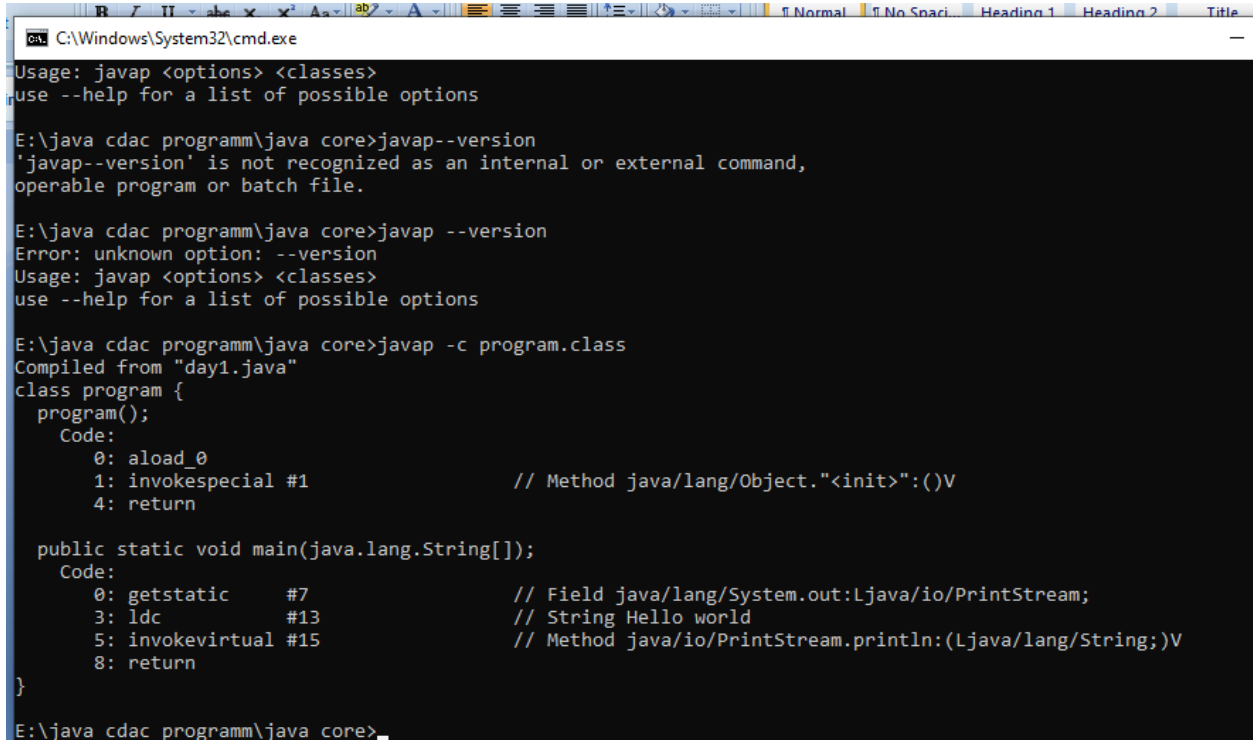
When used with a file name, it will log details about class loading into that file.

C:\Windows\System32\cmd.exe

```
E:\java cdac programm\java core>javac -verbose day1.java
[parsing started SimpleFileObject[E:\java cdac programm\java core\day1.java]]
[parsing completed 22ms]
[loading /modules/jdk.crypto.cryptoki/module-info.class]
[loading /modules/jdk.nio.mapmode/module-info.class]
[loading /modules/java.rmi/module-info.class]
[loading /modules/java.xml/module-info.class]
[loading /modules/jdk.jcmd/module-info.class]
[loading /modules/java.logging/module-info.class]
[loading /modules/jdk.accessibility/module-info.class]
[loading /modules/jdk.javadoc/module-info.class]
[loading /modules/jdk.httpserver/module-info.class]
[loading /modules/jdk.internal.vm.compiler/module-info.class]
[loading /modules/jdk.jstatd/module-info.class]
[loading /modules/java.base/module-info.class]
[loading /modules/jdk.internal.opt/module-info.class]
[loading /modules/jdk.jlink/module-info.class]
[loading /modules/jdk.internal.jvmstat/module-info.class]
[loading /modules/jdk.crypto.ec/module-info.class]
[loading /modules/jdk.net/module-info.class]
[loading /modules/jdk.security.jgss/module-info.class]
[loading /modules/java.scripting/module-info.class]
[loading /modules/java.sql/module-info.class]
[loading /modules/jdk.naming.dns/module-info.class]
[loading /modules/java.datatransfer/module-info.class]
[loading /modules/java.transaction.xa/module-info.class]
[loading /modules/jdk.naming.rmi/module-info.class]
[loading /modules/jdk.security.auth/module-info.class]
[loading /modules/jdk.management/module-info.class]
[loading /modules/jdk.crypto.mscapi/module-info.class]
[loading /modules/jdk.internal.le/module-info.class]
[loading /modules/java.security.jgss/module-info.class]
[loading /modules/java.security.sasl/module-info.class]
[loading /modules/jdk.internal.vm.ci/module-info.class]
[loading /modules/java.instrument/module-info.class]
[loading /modules/java.desktop/module-info.class]
[loading /modules/java.sql.rowset/module-info.class]
[loading /modules/jdk.sctp/module-info.class]
[loading /modules/jdk.jfr/module-info.class]
[loading /modules/jdk.jpackage/module-info.class]
[loading /modules/jdk.jdeps/module-info.class]
[loading /modules/java.net.http/module-info.class]
[loading /modules/jdk.jdwp.agent/module-info.class]
```

javap -c class neme.class

-c is used for examine bytecode. -c means code.



```
C:\Windows\System32\cmd.exe
Usage: javap <options> <classes>
use --help for a list of possible options

E:\java cdac programm\java core>javap--version
'javap--version' is not recognized as an internal or external command,
operable program or batch file.

E:\java cdac programm\java core>javap --version
Error: unknown option: --version
Usage: javap <options> <classes>
use --help for a list of possible options

E:\java cdac programm\java core>javap -c program.class
Compiled from "day1.java"
class program {
  program();
    Code:
      0: aload_0
      1: invokespecial #1          // Method java/lang/Object."<init>":()V
      4: return

  public static void main(java.lang.String[]);
    Code:
      0: getstatic     #7          // Field java/lang/System.out:Ljava/io/PrintStream;
      3: ldc          #13         // String Hello world
      5: invokevirtual #15         // Method java/io/PrintStream.println:(Ljava/lang/String;)V
      8: return
}
```