

Assignment 1.

Q. write Hello word program & print it on console.

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

run javac ~~File~~ Demo.java.
Java Demo

① → compile using javac -verbose option.

Javac -verbose Demo.java.

it give info about. → class path → which used by compiler
source file → compiled file.

class loader — load necessary classes

info about the classes being ^{loaded} ← loading of classes
linking of classes. — info about linking
verification

info about static variable ← initialization of classes.
& block

File Edit Selection View Go Run ... basicprogram

EXPLORER

- BASICP...
- Calculator.class
- Calculator.java 1
- EvenNumber.class
- EvenNumber.java
- Factorial.class
- Factorial.java 1
- Fibonacci.class
- Fibonacci.java
- Greaternumber.class
- Greaternumber.java
- Hello.class
- Hello.java
- LeapYear.class
- LeapYear.java
- Multiplication.class
- Multiplication.java
- Prime.class
- Prime.java
- PrimeInRange.class
- PrimeInRange.java
- ReverseNumber.class
- ReverseNumber.java
- ReverseString.class
- ReverseString.java

Factorial.java 1

ReverseNumber.java

ReverseString.java

Prime.java

PrimeInRange.java

Hello.java > Hello > main(String[])

```
1 public class Hello {
2     public static void main(String[] args) {
3         System.out.println(x:"Hello,world!");
4     }
5 }
6
```

Run | Debug

PROBLEMS 6 OUTPUT TERMINAL PORTS DEBUG CONSOLE

PS C:\Users\gaura\OneDrive\Desktop\C-DAC 2024\core java sandeep sir\basicprogram> cd "c:\core java sandeep sir\basicprogram\" ; if (\$?) { javac Hello.java } ; if (\$?) { java Hello,world!

PS C:\Users\gaura\OneDrive\Desktop\C-DAC 2024\core java sandeep sir\basicprogram>



Search



C:\Windows\system32\cmd.exe

Microsoft Windows [Version 10.0.22000.2538]
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C:\Users\gaura\OneDrive\Desktop\C-DAC 2024\core java sandeep sir\basicprogram>java Hello
Hello,world!

C:\Users\gaura\OneDrive\Desktop\C-DAC 2024\core java sandeep sir\basicprogram>javac Hello.java

C:\Users\gaura\OneDrive\Desktop\C-DAC 2024\core java sandeep sir\basicprogram>java Hello
Hello,world!

C:\Users\gaura\OneDrive\Desktop\C-DAC 2024\core java sandeep sir\basicprogram>-verbose Hello.java
'-verbose' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\gaura\OneDrive\Desktop\C-DAC 2024\core java sandeep sir\basicprogram>-verbose Hello
'-verbose' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\gaura\OneDrive\Desktop\C-DAC 2024\core java sandeep sir\basicprogram>javac -verbose Hello.java
[parsing started SimpleFileObject[C:\Users\gaura\OneDrive\Desktop\C-DAC 2024\core java sandeep sir\basicprogram\Hello.java]]
[parsing completed 24ms]
[loading /modules/jdk.jstatd/module-info.class]
[loading /modules/jdk.management.jfr/module-info.class]
[loading /modules/java.security.jgss/module-info.class]
[loading /modules/jdk.jdeps/module-info.class]
[loading /modules/java.instrument/module-info.class]
[loading /modules/jdk.crypto.cryptoki/module-info.class]
[loading /modules/java.transaction.xa/module-info.class]
[loading /modules/java.base/module-info.class]
[loading /modules/java.desktop/module-info.class]
[loading /modules/jdk.zipfs/module-info.class]
[loading /modules/jdk.editpad/module-info.class]
[loading /modules/jdk.xml.dom/module-info.class]
[loading /modules/jdk.hotspot.agent/module-info.class]
[loading /modules/jdk.localedata/module-info.class]
[loading /modules/jdk.httpserver/module-info.class]
[loading /modules/java.compiler/module-info.class]
[loading /modules/java.naming/module-info.class]
[loading /modules/java.prefs/module-info.class]
[loading /modules/java.xml.crypto/module-info.class]
[loading /modules/jdk.nio.mapmode/module-info.class]
[loading /modules/jdk.jshell/module-info.class]
[loading /modules/jdk.accessibility/module-info.class]
[loading /modules/jdk.jdi/module-info.class]
[loading /modules/jdk.unsupported/module-info.class]
[loading /modules/java.smartcardio/module-info.class]
[loading /modules/jdk.javadoc/module-info.class]
[loading /modules/jdk.sctp/module-info.class]