```
//ASSIGNMENT GRADLE

apply plugin: "java"

//QUESTION-1- Look up java plugin documentation. Make changes in
manifest to make it executable with correct class. When run using java -jar
JAR_NAME_HERE
// the output should be text "Hello World" on the console.
//
jar {
  manifest {
    attributes(
        'Main-Class': 'Employee'
    )
  }
}

//QUESTION 2-  look up idea plugin. make changes in build.gradle so that
the sources of src/main/java as well as src/main/java2 are taken as
sources. Ensure that when you make JAR file class files in both are added
to the JAR.
// This will teach you how projects with non-conventional structure can be
used with gradle.

sourceSets {
  main {
    java {
      srcDirs = ['src/main/java', 'src/main/java2']
    }

  }
}
```

```
//QUESTION 3- add 2 files file1.xml and file1.txt in src/main/resources
manually.
// make changes so that when creating jar only file1.xml is added to the jar.
//
sourceSets {
  main {
    resources{
      srcDirs = ['src/main/Resources']
      exclude 'file1.txt'
    }
  }
}


//QUESTION 4-  find how to what is an uberjar. Make changes so you can
use commons lang3 StringUtil in your jar. Make this uber jar executable.
// The output should be text but that should be using the StringUtils class of
commons lang3
repositories {
 jcenter()
  maven{
    url
"https://mvnrepository.com/artifact/org.apache.commons/commons-l
ang3"
  }
}
dependencies {
  compile group: 'org.apache.commons', name: 'commons-lang3',
version: '3.8.1'
}

jar {
  manifest {
    attributes "Main-Class": "Employee"
```

```
    }

    from {
        configurations.compile.collect { it.isDirectory() ? it : zipTree(it) }
    }
}
```

//QUESTION-5 Find a maven repository and add it as a repository. You can use bintray, jcenter
//
```
repositories {
    jcenter()
    mavenCentral()
    maven{
        url
"https://mvnrepository.com/artifact/org.apache.commons/commons-lang3"
    }
}
```

//QUESTION-6 Write a task in file "mytasks.gradle" and use it in your build.gradle
```
apply from: "/home/yukti/gradle-work/mytask.gradle"
```