Ant

AntClass.**class**

```java
package testAnt;
import java.util.Date;

public class AntClass {
    public static void main(String...s){

            System.out.println("HELLO ANT PROGRAM");
            System.out.println("TODAY's DATE IS->"+ currentDate() );

}
public static String currentDate(){
        return new Date().toString();
        }
}
```

```xml
<?xml version="1.0" encoding="UTF-8"  standalone="no"?>

<!--Project tag used to mention the project name, and basedir attribute will be the
root directory of the application-->

<project name="YTMonetize" basedir=".">


<!--Property tags will be used as variables in build.xml file to use in further
steps-->

<property name="build.dir" value="${basedir}/build"/>

<property name="external.jars" value=".\resources"/>

<property name="ytoperation.dir" value="${external.jars}/YTOperation"/>
<property name="src.dir"value="${basedir}/src"/>
<!--Target tags used as steps that will execute in sequential order. name attribute
will be the name  of the target and < a name=OLE_LINK1 >'depends' attribute used to
make one target to depend on another target -->
    <target name="setClassPath">
            <path id="classpath_jars">
                  <pathelement path="${basedir}/"/>
            </path>
<pathconvert pathsep=";"property="test.classpath" refid="classpath_jars"/>
</target>
<target name="clean">
        <!--echo tag will use to print text on console-->
<echo message="deleting existing build directory"/>
<!--delete tag will clean data from given folder-->
        <delete dir="${build.dir}"/>
        </target>
<target name="compile" depends="clean,setClassPath">

<echo message="classpath:${test.classpath}"/>
```

```xml
            <echo message="compiling.........."/>
<!--mkdir tag will create new director-->
<mkdir dir="${build.dir}"/>
        <echo message="classpath:${test.classpath}"/>
        <echo message="compiling.........."/>
<!--javac tag used to compile java source code and move .class files to a new folder-->
<javac destdir="${build.dir}" srcdir="${src.dir}">

            <classpath refid="classpath_jars"/>
</javac>
<!--jar tag will create jar file from .class files-->
<jar   destfile="${ytoperation.dir}/YTOperation.jar"basedir="${build.dir}">

        <!--manifest tag will set your main class for execution-->
<manifest>
<attribute name="Main-Class" value="testAnt. AntClass"/>
</manifest>
</jar>
        </target>
<target name="run" depends="compile">
<!--java tag will execute main function from the jar created in compile target
section-->
<java jar="${ytoperation.dir}/YTOperation.jar"fork="true"/>
</target>
</project>
```