

## Maven Plugin 1

```
<project xmlns="http://maven.apache.org/POM/4.0.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>javaApp</groupId>
  <artifactId>EvenSum</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <build>
    <plugins>
      <plugin>
        <groupId>org.apache.maven.plugins</groupId>
        <artifactId>maven-compiler-plugin</artifactId>
        <version>3.1</version>
      </plugin>

      <plugin>
        <groupId>org.codehaus.mojo</groupId>
        <artifactId>exec-maven-plugin</artifactId>
        <configuration>
          <mainClass>javaApp.EvenSum</mainClass>
        </configuration>
      </plugin>
    </plugins>
  </build>
</project>
```

```
package javaApp;

public class EvenSum {

    public static void main(String[] args) {
        int num = Integer.parseInt(args[0]);
        int even[] = new int[num];
        int sum = 0, j = 0;
        String evennums = "";
```

```

//Insert your code here

for (j=2; j<=num; j += 2)
{
    sum = sum + j;
    if (j != 2)
    {
        evennums += ",";
    }
    evennums += Integer.toString(j);
}
System.out.println(evennums);
System.out.println(sum);
}
}

```

## Maven Plugin 2

PrimeSum.java file

```

package javaApp;

public class PrimeSum {

    public static void main(String[] args) {
        System.out.println(primesum(20));
    }

    static long primesum(int maxNum) {
        int sum = 0, num;
        int i, count;

        for(num = 1; num <= maxNum; num++)
        {
            count = 0;
            for (i = 2; i <= num/2; i++)
            {
                if(num % i == 0)
                {
                    count++;
                }
            }
        }
    }
}

```

```

        break;
    }
}
if(count == 0 && num != 1 )
{
    sum = sum + num;
}
}
return sum;
}
}

```

### pom.xml file

```

<project xmlns="http://maven.apache.org/POM/4.0.0"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
http://maven.apache.org/xsd/maven-4.0.0.xsd">
    <modelVersion>4.0.0</modelVersion>
    <groupId>PrimeSum</groupId>
    <artifactId>PrimeSum</artifactId>
    <version>0.0.1-SNAPSHOT</version>

    <dependencies>
    <dependency>
        <groupId>junit</groupId>
        <artifactId>junit</artifactId>
        <version>4.13.2</version>
        <scope>test</scope>
    </dependency>
    </dependencies>

    <build>
        <plugins>
            <plugin>
                <groupId>org.apache.maven.plugins</groupId>
                <artifactId>maven-compiler-plugin</artifactId>
                <version>3.10.1</version>
                <configuration>
                    <source>1.8</source>
                    <target>1.8</target>
                </configuration>
            </plugin>

```

```
<plugin>
  <groupId>org.codehaus.mojo</groupId>
  <artifactId>exec-maven-plugin</artifactId>
  <version>1.6.0</version>
  <configuration>
    <mainClass>javaApp.PrimeSum</mainClass>
  </configuration>
</plugin>

</plugins>
</build>

</project>
```