

## PreMain

• Used to find size of object

### Program (Pre.java)

```
import java.lang.instrument.*;
```

```
class Pre
```

```
{
    public static void premain
        (String is, Instrumentation inst)
```

```
{
    Sop("This is premain");
```

```
    A a1 = new A();
```

```
    long l = inst.getObjectSize(a1);
    Sop(l);
```

```
}
```

```
PreMain()
```

```
{
```

```
    Sop("Main of Pre");
```

```
}
```

```
}
```

## Steps to run Premain

1. Compile Pre.java  
2. Create .my file

3. Create jar  
jar -cmf abc.my t2.jar Pre.class

4. Run the jar.

java -javaagent? t2.jar Pre

↳ class containing  
Premain.

↳ Class of which  
main() will run.

abc.my

Premain-Class: Pre

A.java

```
class A {
    int x, y, z;
}
```

Prel.java

~~class~~

public class Prel

PSym(String ACS)

System ("Main of Prel1111");