

```
/n/bronze/12/khanf
```

```
% ls
```

```
Cache/      netscape/  Personal/  README    Windows/  
Mail/      Office97/  projects/  TEMP/
```

```
%
```

```
% cd projects
```

```
/n/bronze/12/khanf/projects
```

```
% ls
```

```
geometry/          HelloWorld.class  HelloWorld.java  intro/
```

```
-----  
public class HelloWorld {  
    public static void main(String[] args) {  
        System.out.println("Hello World!");  
    }  
}
```

```
cd intro
```

```
/n/bronze/12/khanf/projects/intro
```

```
% ls
```

```
Application1.class  Application2.class  Application3.class  
Application1.java   Application2.java   Application3.java
```

```
-----  
package intro;
```

```
public class Application1 {  
    public static void main(String[] args) {  
        System.out.println("Hello from intro.Application1!");  
    }  
}
```

```
-----  
% more Application2.java  
package intro;
```

```
public class Application2 {  
    public static void main(String[] args) {  
        System.out.println("Start of intro.Application2");  
  
        geometry.Rectangle myRectangle = new geometry.Rectangle();  
        myRectangle.setWidth(2.2D);  
        myRectangle.setHeight(5.6D);  
        double area = myRectangle.area();  
        System.out.println("Area: "+area);  
    }  
}
```

```
-----  
% more Application3.java  
package intro;
```

```
import geometry.*;
```

```
public class Application3 {  
    public static void main(String[] args) {  
        System.out.println("Start of intro.Application3");  
  
        Rectangle myRectangle = new Rectangle();  
        myRectangle.setWidth(2.2D);  
        myRectangle.setHeight(5.6D);
```

```

        double area = myRectangle.area();
        String outputString = "The area of a rectangle with width: "
            + myRectangle.getWidth()
            + ", height "+myRectangle.getHeight()
            + ", is "+area;
        System.out.println(outputString);
    }
}
-----
% cd ../geometry
/n/bronze/12/khanf/projects/geometry
% ls
Rectangle.class  Rectangle.java
-----
package geometry;

public class Rectangle {
    private double itsWidth = 0.0D;
    private double itsHeight = 0.0D;

    public void setWidth(double width) {
        itsWidth = width;
    }

    public void setHeight(double height) {
        itsHeight = height;
    }

    public double getHeight() {
        return itsHeight;
    }

    public double getWidth() {
        return itsWidth;
    }

    public double area() {
        return itsWidth*itsHeight;
    }
}
-----
/n/bronze/12/khanf
% java HelloWorld
Hello World!

% java Application1
Exception in thread "main" java.lang.NoClassDefFoundError: Application1

% java intro.Application1
Hello from intro.Application1!

% java intro.Application2
Start of intro.Application2
Area: 12.32

% java intro.Application3

```

Start of intro.Application3

The area of a rectangle with width: 2.2, height 5.6, is 12.32

/usr/local/jdk1.2

bin/
demo/
docs/
include/
jre/
lib/
src.jar

% **/usr/local/jdk1.2/jre**

bin/ lib/

% **ls bin**

java@	policytool@	rmiregistry@	tnameserv@
keytool@	rmid@	sparc/	

% **/usr/local/jdk1.2/docs**

% **ls**

api/	guide/	images/	index.html	relnotes/
tooldocs/				

/usr/local/jdk1.2/bin

appletviewer@	java-rmi.cgi*	jdb@	rmic@	tnameserv@
extcheck@	javac@	keytool@	rmid@	
jar@	javadoc@	native2ascii@	rmiregistry@	
jarsigner@	javah@	oldjava@	serialver@	
java@	javap@	policytool@	sparc/	