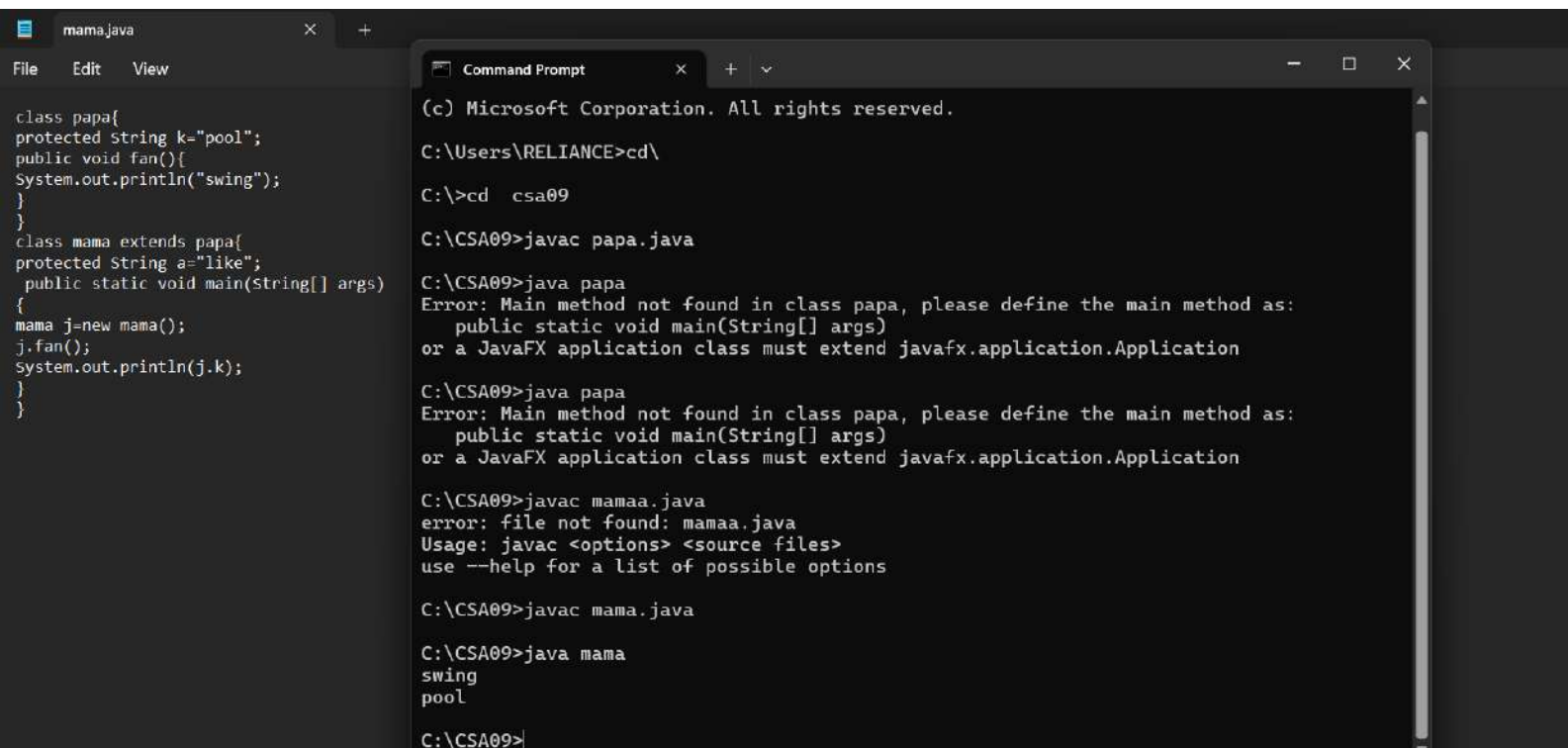```java
public class Main {
  public static void main(String[] args) {
    // Create variables of different data types
    int items = 50;
    float costPerItem = 9.99f;
    float totalCost = items * costPerItem;
    char currency = '$';

    // Print variables
    System.out.println("Number of items: " + items);
    System.out.println("Cost per item: " + costPerItem + currency);
    System.out.println("Total cost = " + totalCost + currency);
  }
}
```

```
Number of items: 50
Cost per item: 9.99$
Total cost = 499.50$
```

```java
class papa{
protected String k="pool";
public void fan(){
System.out.println("swing");
}
}
class mama extends papa{
protected String a="like";
 public static void main(String[] args)
{
mama j=new mama();
j.fan();
System.out.println(j.k);
}
}
```

```
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C:\Users\RELIANCE>cd\

C:\>cd  csa09

C:\CSA09>javac papa.java

C:\CSA09>java papa
Error: Main method not found in class papa, please define the main method as:
    public static void main(String[] args)
or a JavaFX application class must extend javafx.application.Application

C:\CSA09>java papa
Error: Main method not found in class papa, please define the main method as:
    public static void main(String[] args)
or a JavaFX application class must extend javafx.application.Application

C:\CSA09>javac mamaa.java
error: file not found: mamaa.java
Usage: javac <options> <source files>
use --help for a list of possible options

C:\CSA09>javac mama.java

C:\CSA09>java mama
swing
pool

C:\CSA09>
```

```
class sva {
    protected String l = "hyundi";
    public void op() {
        System.out.println("papa");
    }
}

class don extends sva {
    public static void main(String[] args) {
        don c = new don();
        c.op();
        System.out.println(c.l);
    }
}
```

```
papa
hyundi
```

sma.java

File   Edit   View

```java
public class sma{
public static void main(String[] arg){
int[] l={1,2,3,4,5,6};
int p=l.length;
int s=0;
float t=0;
for(int i=0;i<p;i++){
s+=l[i];
t=s/p;
}
System.out.println("average="+t);
}
}
```

Command Prompt

```
Microsoft Windows [Version 10.0.22631.4460]
(c) Microsoft Corporation. All rights reserved.

C:\Users\RELIANCE>cd\

C:\>cd csa09

C:\CSA09>javac sma.java

C:\CSA09>java sma
average=3.0

C:\CSA09>
```

```
public class en{
public static void main(String[] args){
string h="krishna";
char[] p=h.toCharArray();
for(char i:p)
System.out.println(i);
}
}
```

```
Microsoft Windows [Version 10.0.22631.4460]
(c) Microsoft Corporation. All rights reserved.

C:\Users\RELIANCE>cd\

C:\>cd csa09

C:\CSA09>javac en.java

C:\CSA09>java en
k
r
i
s
h
n
a

C:\CSA09>
```

```
public class dio{
public static void main(String[] args){
String l="bhaw";
char[] v=l.toCharArray();
System.out.println(v[0]);
}
}
```

dio.java

File   Edit   View

Command Prompt

```
Microsoft Windows [Version 10.0.22631.4460]
(c) Microsoft Corporation. All rights reserved.

C:\Users\RELIANCE>cd\

C:\>cd csa09

C:\CSA09>javac dio.java

C:\CSA09>java dio
b

C:\CSA09>
```

```java
public class arr{
public static void main(String[] args){
int[] l={1,2,3,5,6};
int s=0;
for(int i=0;i<5;i++){
s+=l[i];
}
System.out.println("sum="+s);
}
}
```

arr.java

File   Edit   View

Ln 7, Col 2   154 characters

Command Prompt

Microsoft Windows [Version 10.0.22631.4460]
(c) Microsoft Corporation. All rights reserved.

C:\Users\RELIANCE>d\
'd\' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\RELIANCE>cd\

C:\>cd csa09

C:\CSA09>javac arr.java

C:\CSA09>java arr
sum=17

C:\CSA09>

```java
public class star{
public static void main(string[] args){
int a=5;
for(int i=0;i<=a;i++){
for(int j=0;j<=i;j++){
System.out.print("*");
}
System.out.println(" ");
}
}
}
```

```
C:\Users\RELIANCE>cd\

C:\>csa09
'csa09' is not recognized as an internal or external command,
operable program or batch file.

C:\>cd csa09

C:\CSA09>javac star.java

C:\CSA09>java star
*
**
***
****
*****
******

C:\CSA09>
```

```
public class ji{
public static void main(String[] args){
int a=16;
int b=20;
int m=1;
for(int i=1;i<=a&&i<=b;i++){
if(a%i==0&&b%i==0)
m=i;
}
int l=(a*b)/m;
System.out.println("lcm="+l);
System.out.println("hcf="+m);
}
}
```

ui.java ☰ × +

File Edit View

```java
public class ui{
public static void main(String[] args){
int n=123;
int r=0;
while(n!=0){
int t=n%10;
r=r*10+t;
n=n/10;
}
System.out.println("reverse number= "+r);
}
}
```

Command Prompt × + ∨

```
Microsoft Windows [Version 10.0.22631.4460]
(c) Microsoft Corporation. All rights reserved.

C:\Users\RELIANCE>cd\

C:\>cd csa09

C:\CSA09>javac ui.java

C:\CSA09>java ui
reverse number= 321

C:\CSA09>
```