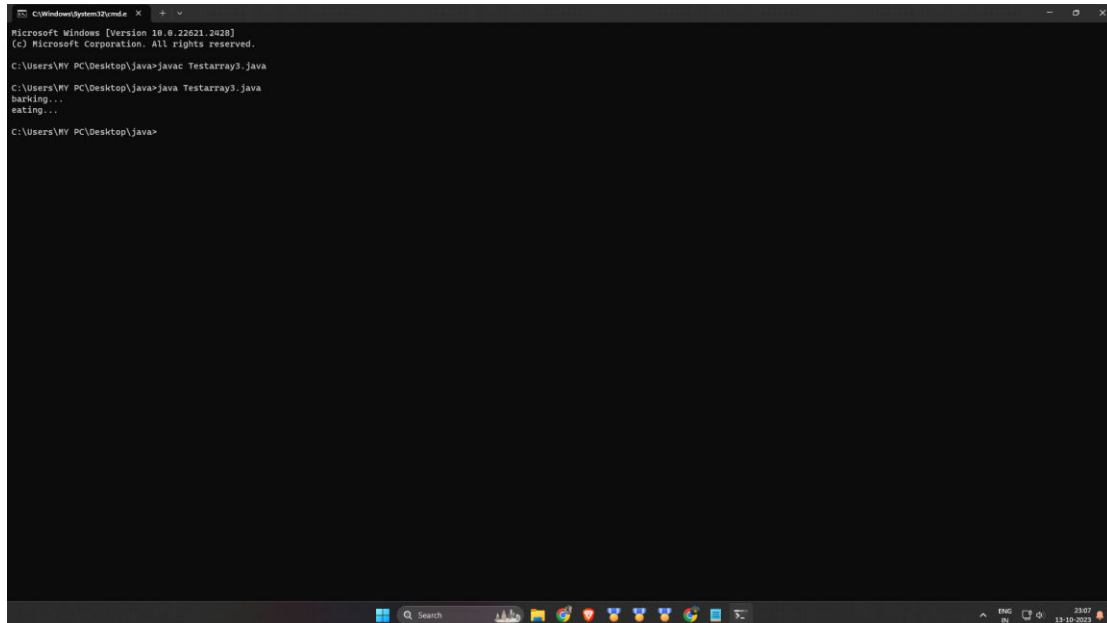


Implement a program on single inheritance.

```
class Animal{  
    void eat(){System.out.println("eating...");}  
}  
  
class Dog extends Animal{  
    void bark(){System.out.println("barking...");}  
}  
  
class TestInheritance{  
    public static void main(String args[]){  
        Dog d=new Dog();  
        d.bark();  
        d.eat();  
    }  
}
```



The screenshot shows a Windows command prompt window with the following text:

```
C:\Windows\system32\cmd.exe  
Microsoft Windows [Version 10.0.22621.2428]  
(c) Microsoft Corporation. All rights reserved.  
C:\Users\MY PC\Desktop\java>javac Testarray3.java  
C:\Users\MY PC\Desktop\java>java Testarray3.java  
barking...  
eating...  
C:\Users\MY PC\Desktop\java>
```

The window title is "C:\Windows\system32\cmd.exe". The taskbar at the bottom shows the Windows logo, a search bar, and several application icons. The system tray on the right shows the date and time as "23:07 11-10-2023".