

1. Problem statement: Write a program in Java to show the use of super keyword with a constructor, methods, variables.

2. code with comments:

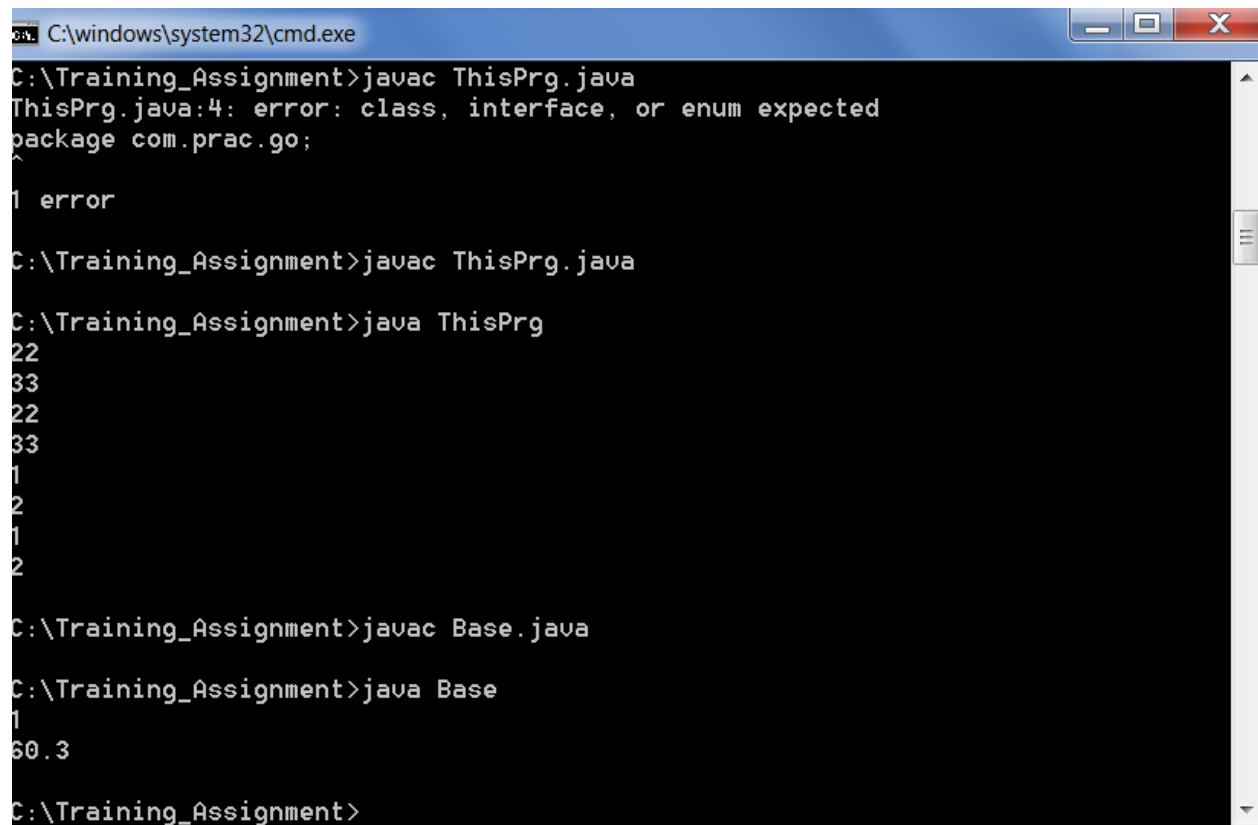
```
class Parent {  
    // instance variable  
    int a = 36;  
  
    // static variable  
    static float x = 12.2f;  
}  
  
class Base extends Parent {  
    void GFG()  
    {  
        // referring super class(i.e, class Parent)  
        // instance variable(i.e, a)  
        super.a = 1;  
        System.out.println(a);  
  
        // referring super class(i.e, class Parent)  
        // static variable(i.e, x)  
        super.x = 60.3f;  
  
        System.out.println(x);  
    }  
    public static void main(String[] args)  
    {  
        new Base().GFG();  
    }  
}
```

```
}
```

3. Explanation of the code: referring super class(i.e, class Parent) and instance variable(i.e, a), referring super class(i.e, class Parent) , static variable(i.e, x). Using these to write a program using super keyword.

4. Result flow in detail: referring super class(i.e, class Parent) and instance variable(i.e, a), referring super class(i.e, class Parent) , static variable(i.e, x). Using these to write a program using super keyword.

5. Output screenshot:



```
C:\windows\system32\cmd.exe
C:\Training_Assignment>javac ThisPrg.java
ThisPrg.java:4: error: class, interface, or enum expected
package com.prac.go;
^
1 error

C:\Training_Assignment>javac ThisPrg.java

C:\Training_Assignment>java ThisPrg
22
33
22
33
1
2
1
2

C:\Training_Assignment>javac Base.java

C:\Training_Assignment>java Base
1
60.3

C:\Training_Assignment>
```