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

2. code with comments:

```java
import java.io.*;

import java.util.*;

import java.lang.*;

//package com.prac.go;


        class ThisPrg {

            int first = 22;

            int second = 33;


            void ramu(int a, int b)

            {

                a = this.first;

                b = this.second;

                System.out.println(first);

                System.out.println(second);

                System.out.println(a);

                System.out.println(b);

            }


            void rakesh(int m, int n)

            {

                this.first = m;

                this.second = n;

                System.out.println(first);

                System.out.println(second);

                System.out.println(m);
```

```
            System.out.println(n);

        }


        public static void main(String[] args)

        {

            new ThisPrg().ramu(100, 200);

            new ThisPrg().rakesh(1, 2);

        }

    }
```
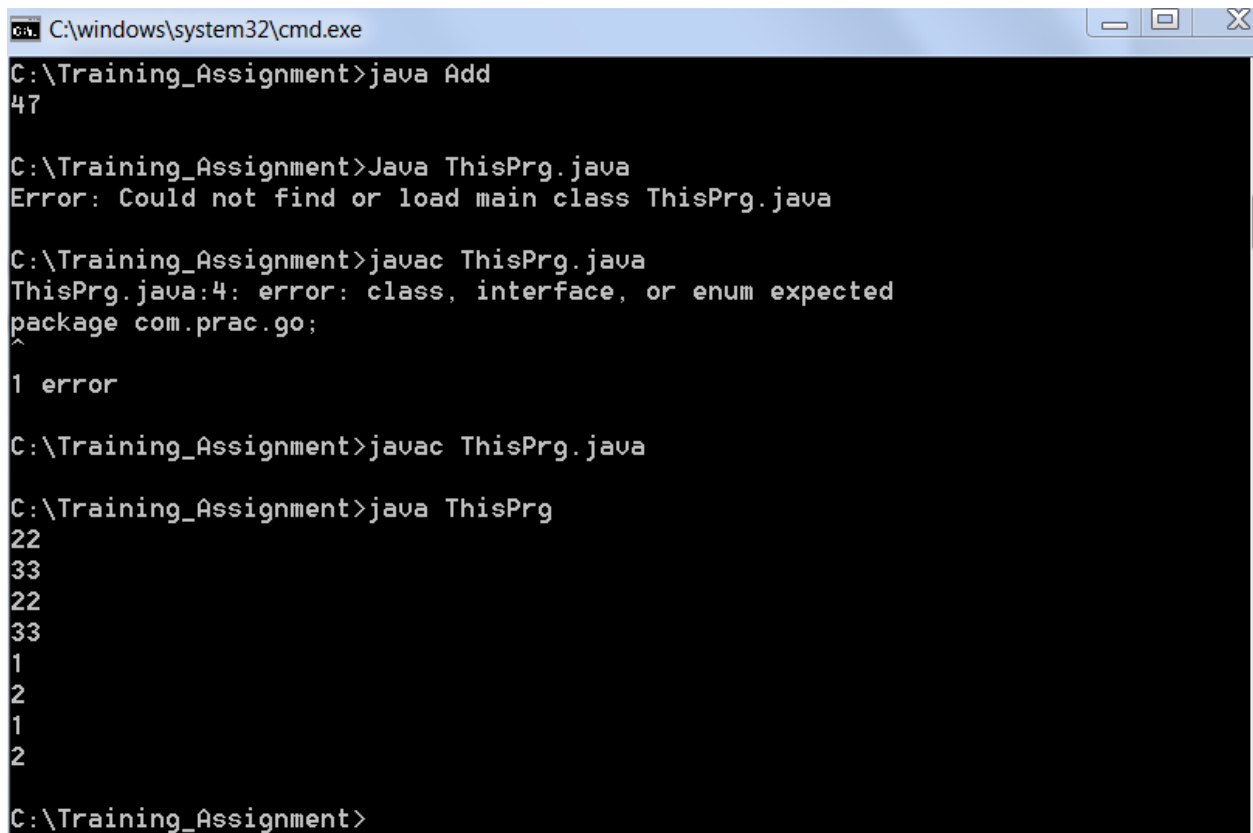
3. Explanation of the code: Using this variable to assign values to respective variables. And using respective constructor, methods and variables in this example program to use all these together.

4. Result flow in detail: Using this variable to assign values to respective variables. And using respective constructor, methods and variables in this example program to use all these together.

5. Output screenshot: