

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

2. code with comments:

```
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);
    }

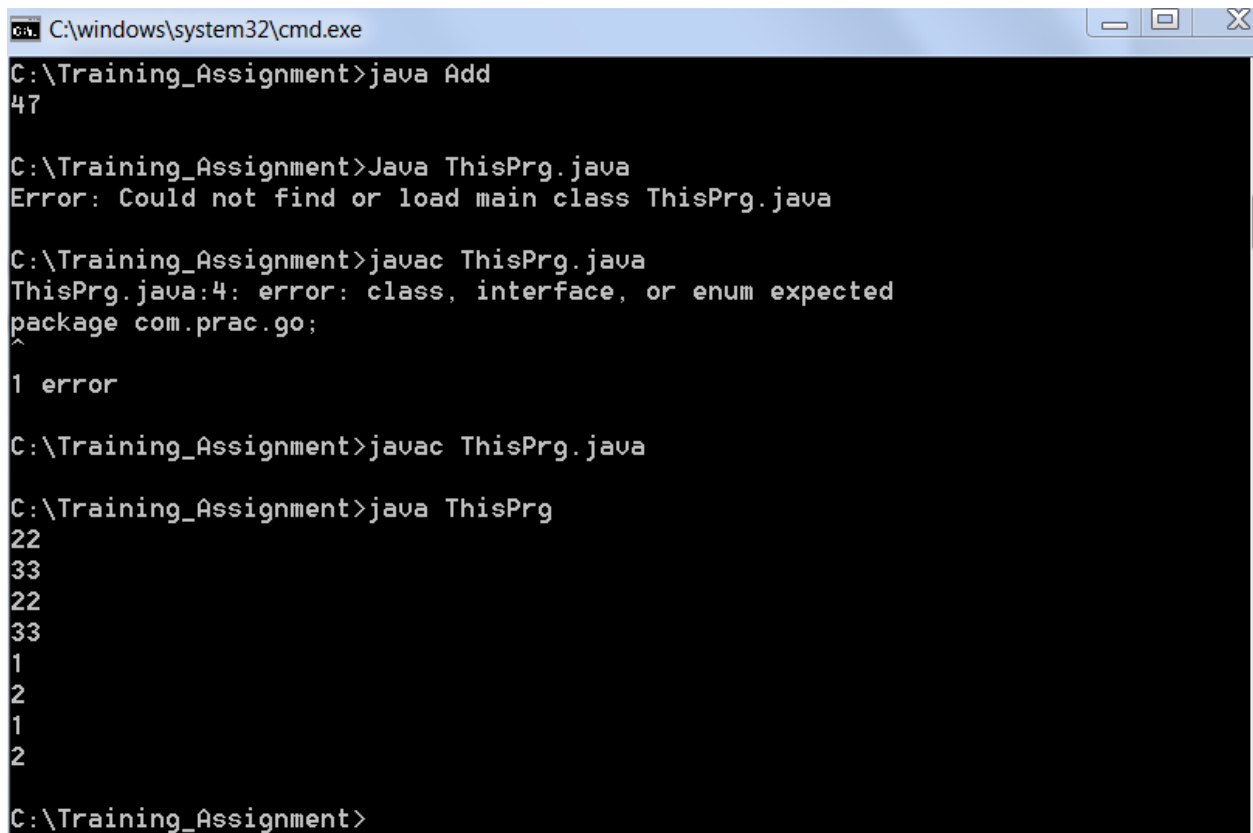
    public static void main(String[] args)
    {
        new ThisPrg().ramu(100, 200);
        new ThisPrg().rakesh(1, 2);
    }
}

```

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:



```

C:\windows\system32\cmd.exe
C:\Training_Assignment>java Add
47

C:\Training_Assignment>Java ThisPrg.java
Error: Could not find or load main class ThisPrg.java

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>

```