

Main Method

```
class Test  
{  
  
}
```

`javac Test.java`



`java Test`



Main method not found



Exception

- Whether the class contains `main()` method or not, and whether it is properly declared or not, these checking's are not responsibilities of the compiler, at runtime JVM is responsible for this.
- If JVM unable to find the required `main()` method then we will get runtime exception.

**Error: Main method not found in class <xyz>, please define the main method as:
`public static void main(String[] args)`**

Main Method

Because jvm has
to call without
existing object

It won't return
anything to jvm

Command line
argument

To call by jvm
from any where

```
public static void main(String[] args)
{
    statement1
    statement2
    statement3
    statement...
}
```

Method name

Main Method

```
public static void main(String[] args){}
```

- The order of modifiers is not important that is instead of public static we can take static public.

```
static public void main(String[] args){}
```

- Instead of `args` we can use any valid java identifier.

```
static public void main(String[] xyz){}
```

- Overloading of the main() method is possible but JVM always calls string[] argument main() method only.

```
static public void main(int x){}
```

Main Method

➤ Command Line argument:

The arguments which are passing from command prompt are called command line arguments.

```
static public void main(String[] args){}
```

java Test 10 12 15

