

## **Structure of Java Program**

```
[package <packagename>]
[import <packagename>]
[modifiers] <class> <ClassName>
{
    public static void main(String args[ ])
    {    statement(s);    }
}
```

### **Alternative ways for writing main method :**

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

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

```
public static void main(String shashi[ ])
{ statement(s); }
```

```
public static void main(String...x)
{ statement(s); } ... [Varargs]
```

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

```
public static final void main(String args[ ])
{ statement(s); }
```

```
public static synchronized void main(String args[ ])
{ statement(s); }
```

```
public static final synchronized
void main(String args[]) { statement(s); }
```

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**Java**

**Naming Convention of Java Language :**

Actually we can write any identifiers in our own style by following identifiers rules, But SUN Micro system given some naming conventions for understanding programming concepts easy.

***For Variables :***

These are suggested to write with nouns

These are suggested to write in lower case letters

Eg: int sno; String sname,city;

***For Class Names :***

These are suggested to write with noun related words, The Starting Letter of each word should be written in Capital Letters

Eg: Employee,

EmployeeSalaryInformation

***For Method Names :***

These are suggested to write with verb related words, The starting letter should be lowercase, If the names are having more than one word length starting letter of each word from the second should be capital

Eg: start( ), stop( ), sleep( ), setMaxAge( ), getMaxAge( )....

***For Interface Names:***

These are suggested to write with Adjectives, The starting letter of each word should be capital

Eg: Cloneable, Serializable, Runnable....

***For Constants:***

These are suggested to write with Noun related words, These are suggested to write in capital letters, if it is having more than one word length then they should be separated with an under scroll

Eg: PI, E, MAX\_PRIORITY, MIN\_PRIORITY...

For Packages are suggested to write with lowercase letters