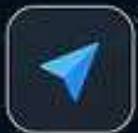


# Java Methods



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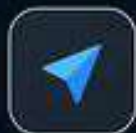
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# What is method ?

A method is a **block of code** which only **runs when it is called**.

You can **pass** data, known as **parameters**, into a method.



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## How to Create method ?

A method must be declared **within a class**. It is defined with the name of the method, **followed by parentheses ()**.

name of the method



```
public class Alibaba {  
    static void chalisChor()  
    {    // code to be executed  
    }  
}
```



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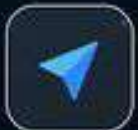
## How to Call a Method ?

To call a method in Java, write the **method's name followed by two parentheses () and a semicolon;**



```
chalisChor();
```

**A method can also be called multiple times**



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# What is Parameters ?

Information can be passed to methods as parameter. Parameters act as variables inside the method.

You can add as many parameters as you want, just separate them with a comma.

```
public class Alibaba {  
    static void Chor(String name) {  
        System.out.println(name);  
    }  
  
    public static void main(String[] args)  
    {  
        Chor("Chandu");  
        Chor("Somu");  
        Chor("Gomu");  
    }  
}
```

Parameters



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## Return Values

The `void` keyword, used in the examples above, indicates that the method should not return a value.

**If you want the method to return a value, you can use a primitive data type (such as `int`, `char`, etc.)**

```
public class Alibaba {  
    static int Kaidino(int x) {  
        return x;  
    }  
  
    public static void main(String[] args)  
    {  
        System.out.println(Kaidino(420));  
    }  
}
```



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