

Java Variables

Topics : [JAVA](#)

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Java variable is data container which is used to store data values. Variable is a name of memory location. There are three types of variables in java: local, instance and static.

There are different types of variables in Java

- int - stores integers (whole numbers) like 11,22,-44,-55 etc.
- float - stores floating point numbers with decimals like 55.32 or -53.23 etc.
- String - stores text value like "good morning". String values are surrounded by double quotes("").
- boolean - stores values true or false.
- char - stores single characters like 'm' or 'N'. Char values are surrounded by single quotes(' ').

Declaring Variables

You can define variable using data type as below.

```
int phonenum = 9428982251;  
System.out.println(phonenum);
```

```
String country = "india";  
System.out.println(country);
```

```
float cost =99.67;  
System.out.println(cost);
```

```
boolean isFail = true;  
System.out.println(isFail);
```

```
char firstLetter = 'A';  
System.out.println(firstLetter);
```

Types of Variables

There are three types of variables in Java

- local variable
- instance variable
- static variable

1) Local Variable

A variable declared inside the body of the method is called local variable. we can use this variable only within that method and the other methods in the class.

A local variable cannot be defined with "static" keyword.

2) Instance Variable

A variable declared inside the class but outside the body of the method is called an instance variable. It is not declared as static

3) Static variable

A variable that is declared as static is called a static variable. Static variable can be defined by "static" keyword. You don't need to create object to access Static variable.

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