

Variable

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Variables are nothing but piece of memory use to store information.

One variable can store 1 information at a time.

Variables also used in information reusability.

To utilise variables in java programming language we need to follow below steps:

1. Variable declaration (Allocating/Reserving memory)
2. Variable Initialization(Assigning or Inserting value)
3. Variable Usage

```
//dataType

// String --> multiple characters --> shruti, Pratik, IT, computer, abc@1234, A+
// int    --> numeric + non-decimal --> 10, 20, 10000, 5, -1, -11
// float  --> numeric + decimal    --> 2.5, 20000.5, 55.6, 61.2
// char   --> single character     --> A, B, a, x


package Variable;
public class demo2
{
    public static void main(String[] args)
    {
        //Step 1: variable declaration
        String studentName;           //dataType variableName;
        String studentDept;

        //Step2: variable initialization
        studentName="laxmi";          //variableName="variable Value";
        studentDept="Computer Science";

        //Step3: variable usage
        System.out.println(studentName); //variableName
        System.out.println(studentName); //info reusability
        System.out.println(studentDept);

    }
}
```

