**Constant (Final variable)**

It is a variable name whose value does not change during execution. We create it using the keyword **final.** The value assignment should be done at the time of declaration.

Final variables are usually named in CAPITALS.

Example

final float PI = 3.14f;

Class Demo{

static final double PI = 3.14;//should be assigned in same line

public static void main(String args[]){

final int num\_wheels;//can initialize same line or different line

num\_wheels=6;

}

}

**Blank final**

Uninitialized final variable is called blank final and this has to be initialized inside constructor.

**Non static final variable initialization**

public class Student {

   public final String name;

   public final int age;

   public Student(){

      this.name = "Raju";

      this.age = 20;

   }

   public void display(){

      System.out.println("Name of the Student: "+this.name );

      System.out.println("Age of the Student: "+this.age );

**STATIC FINAL VARIABLE INITILIZATION**

class Data{

   static final int num;

   static{

      num = 1000;

   }

}

public class ConstantsExample {

   public static void main(String args[]) {

      System.out.println("value of the constant: "+Data.num);