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Strings
   String is a datatype which can store collection & charecters.
* String is a claw in Jovo that can store collection ;
   Everything that starts with capital letter are comidered an
when we declare a variable of string data type we are actually executing a object of String Clan-
* Strings are immutable.
   Composision 3 Strings:
* In String "==" operator will check if both the variable are
   pointing to same object or not
   public class porgram1 {
       public static void main(String[] args) {
           String a = "Anirudh";
           String b = new String( original: "Anirudh");
           System.out.println(a == b);
    OIP: false
   Despite g containing same Afring we will get false if we
   execute the above code.
   We will get falm because "==" will compare too strings
   and yeturn true only if the below condition ratisfy.
 - It both the variable are having some value / string.
 - If both the valiables are pointing to the same object.
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Comparision gonly String values but not to which object they belong to:
              If you need to compale only the value of the two strings then you can use "equals ()" method.
                       Variable 1. equal (Variable 2);
              Syntaz:
             · equals() will only check if both the strings have same value it want check if they belong to same object or
              public class porgram1 {
                   public static void main(String[] args) {
                         String a = "Anirudh";
                         String b = new String( original: "Anirudh");
                         System.out.println(a.equals(b));
              Accerning Atring elements:
              To accent individual char we un get () method within the paranthre we pan the indu.
              a.get (0);
              In javo Strings are always represented using " " (Double
Note:
               quoks).
              In jova Char ale always represented using " (single quote).
You can't represent a string in Single quotes.
Similarly you can't represent a char in double quotes.
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Pretty Printing:
public class PrettyPrinting {
    public static void main(String[] args) {
         float a = 99.1234f;
         System.out.printf("formatted num: %.2f",a);
Notice that in above code we have und printf not println.
To format a number we can use 1. as place holder & followed by and we 3 digits you want to print & followed by

if I for float
   d - for double
Type casting:
public class ASCII {
    public static void main(String[] args) {
       System.out.println('a' + 'b');
The above program would give 195 as output as it is adding the ASCII value of that.
We can fix this by type casting the entire ourust.
public class ASCII {
     public static void main(String[] args) {
         System.out.println((char)('a' + 3));
Type carting can be done as shown above.
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