## STRING

Storings play a very important ruelle in Java.

Programming. Java provides a string class to

manipulate and perform operations on string.

Li) String name = "Project".

String attribute = "Cute".

System: out. println (name);

System. out. println (attribute);

System. out. println (name + attribute);

System. out. println (name + " is a " + attrib

Priya Cibe Priya is a Cute.

(1) int longen()

Syntax: stringName, length();

System. out. println(altoibute, length));

output

2 char of charAt (int index)

Syntax: stringName.charAt (index);

System.out.pointln(mame.charAt (A); // a

system.out.pointln (name.charAt (5)); // ever

system.out.pointln (name.charAt (5)); // ever

out.pointln (name.charAt (5)); // ever

correct (String string I) storing 1. conteat (storing 2); Syntaz: Ostoing suomanore = Singh see en moin Il name = name + surnamego/name + + surname manie = name + surnamego/name + + surname System. out. printelm (name); 120 ocute 15 About Output

Prija Singh of the begin Index

String substring (int begin Index)

Syntax: String on 23456 7 891011

String statement = "Wellome to Java Tutorials begin Index

2 tring statement = "Wellome to Java Tutorials begin Index

2 tring statement = "Wellome to Java Tutorials begin Index

2 tring statement = "Wellome to Java Tutorials begin Index

2 tring statement = "Wellome to Java Tutorials begin Index

2 tring statement = "Wellome to Java Tutorials begin Index

2 tring statement = "Wellome to Java Tutorials begin Index

2 tring statement = "Wellome to Java Tutorials begin Index

3 tring statement = "Wellome to Java Tutorials begin Index

3 tring statement = "Wellome to Java Tutorials begin Index

3 tring statement = "Wellome to Java Tutorials begin Index

3 tring statement = "Wellome to Java Tutorials begin Index

4 tring statement = "Wellome to Java Tutorials begin Index

4 tring statement = "Wellome to Java Tutorials begin Index

4 tring statement = "Wellome to Java Tutorials begin Index

4 tring statement = "Wellome to Java Tutorials begin Index

4 tring statement = "Wellome to Java Tutorials begin Index

4 tring statement = "Wellow Index

4 Bring substring T = statement substring (110); is System. out pointlen ( u The substring wise mode Stoing substoing (int begin have SubString I).

Stoing substring (begin ricex, and Index)

Stoing subString = Statement. Substring (11,14); Eyestem. out. parinten ("The New Substring is: ")
Outputs or oil work of Stoing 2); soils The Substring is Java Tutorials By Yashi the New Substains wis Jov = Flatv 100 prints : ( " Surptut

o int compare to ( storing storing I, Storing storing Supax: spirat. combane 10 (spiras). when we used the coopere to () method, the method seturns our integer which indiale the certicographic (alphabetical) comparison of Dwo stollage med me to ing two. the social is regative if the solaline alphabet value of the particular lotter of the first string is smaller than small of the second Stoing's letter an tre some location. And is is positive it the first string is lexicographical clarges town the second string the the western If both strings are identical, then a value zero(0) is returned. Stoing stoing = "Hello Plack six Ke Champs"; into recent = string 1. compare to (storing 2) System out pointly ( Jusult); //0

resent = sendence. compareto l'ito knowledge grat Systemout. pointen (result); 11-29 Story sentence I = 4 The wi a 4; Stoing sentence 2 = "Jara Autorial" result = sentence I. comparato (sentence);

Let & and string the hor character to viopen parone k baad dond me go jiska ASIII value jada noge. Agan 1st Ka sai To 11p' & 2nd

ka hai 10 (-ve).

System. out. pointln (regult); // 10

(7) String to Upper Case() Syntax: string to Upper Casel) System. out. privalen ( Jemp. to Upper Casell):

ANJALI

ANJALI String demp = " Anjali" (B) String to Lower Case () Synatan: 2 toing to Lower Case() gystem.out.privaln (temp. toLower Casel)) Output any ali 1 String trim () Syntax: string treins () Stoing temp2 = " Anjali loves Abhijeet " System. out. println (demp2); System. out. pointln (temp2. toim()); of
System. out. pointln (temp2. replace (tatiz)); Output\_ P. BEZ PZ A PODMOIDAN Anjali loves Abijeet. (tolor () out use only or starting and ending space remove and and to the start wiriting) (5) String vie place (char old Char ochar)

Son Syntax : String replace (chars ochar) Syntax. out pointin (temp2. replace (141, 1711); to Jan Injedia loves Jehrjeet.

```
int p=5, 9=10;
  System. out. pointln (Math. man (p, 2));
 System out print ( Math. max (5, 10));
 System.out. println (Math.min(p,g));
 System. out. println (Mouth. sypt (49));
 System out prinden (Mats. abstossgot (49)).
 System. out. printen (Mathials (-5));
 System. out printler (Math. abs(5))
 System out println (Math. pow (3,2));
 System. out. printen (Math. elog (2));
 Steren. out pointle (Mathe log 10 (100));
 System out printler (Math. log10 (2)),
  Dulput (129 gross) retuing two on 1842.
        Jack- France.) merken (semple bind)
    10 20 ed por 2 chart ) with any two mines
    6.855654600401044
                 Antiali loves prohitect
 BibZion Bitholo no Brown Den 10 monto)
     0.3010299956639812
Haximum sminimum and abstraction que
 always integer value returnines of them.
```

double as 90) dumin a social for the Il converting values to radian double b = Math. Do Radians (a) System. out. populla (b); toRadiam (90°) nomin 180° - The 90° 12 11 200 1 20 months 18 TT - 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- 3.14

- System. out. pointen (Math. ceil (2.45));2+1=3 System. out. projudbn (math. ceil (2.73)); 2+1=3 System. out. println (Math. ceil (2.000 vi)); 2+1=3 System. out. prointln (matri ceil (2)); 2 System. out. porindln (Math. ceil (2. 99)); 2+1=3 System out printen (Math. flood 2.457); 02+ System. out. println (Math. floor(2.73)); 2 System. out. println (Math. floor (2.00001)); 2 System. out, pointen (math. floor (3)); 3 System. out. projetter (Math. Ploor (2.99)); 2.

Cil floor

2 +1 =3 Elle lordermor stated) into thing . the complete

Math. random1)>It setwars a double value with bositive sides, decoper than as admit 0.0 and less som 1.0 Math int / SID seterns who double value that w closest to the given argument and equal to mathematical integer. Math.hypot() It sietwins synt (x2+y2) without Intermediate overflow or undochow. ( )qwintery

It returns the size of on ulp of the argument

() thorocall tob. utel It is used to return the narpiased exponent used in the represendation of a value.

Moth. IEEE remain ded)

It is used to calculate the remainder operation on two arguments as prescoiped by the IEEE 754 strondord and returns value. ((10000.6) 50004 (1020) rthoras (2.00001))

Math. addExact()) rook there for the construction of the construction It is used to return the sum of its orgunals Atroowing on exception if the result overflows gral so beni no

How to generate on OTP via JAVA be obsames ind;

System. out. point (Matr. random ()); System. Org. beingon (3+10-3) or WAH. if ( ) mopmes

System. out. pointln (3+(9-3) & rath. sourgour (1);

woon