	Chapter 3 - Strings
सम्बद्धः	A string is a sequence of characters A string is instantiated as follows:
by tract	String name; name = new String ("Harry");
0	Gleing is a class but can be used like a data type:  [Strings are immutable and cannot be changed]
*	String name = "Harry";  Reference Diject
ngtam i	Different ways to print in Java. We can use the following ways to print in Java:
17 27 37	System. out · print() → No newline at the end!  System. out · print() → Prints a new line at the end  System.out · printf()
4,	System out printf (30", ch)  System out printf (30", ch)
	% f for float % c for char
	String Methods
	String methods operate on Java Strings. They can be used to find length of the string, convert to lowercase, etc.

Tite.	Some of the commonly used String methods at
	String name = "Harry";
	) and g
17	name length () -> Returns length of String name.  (5 in this case)
1	(5 in this case)
27	name to Lower (ase () -> Returns a new String which has all the Swercase characters from the String name.
y dai to	all the bulercase characters from
	the String name.
	V
3,	name to Upper (ase () -> Returns a new String which has all the lowercase characters from the string name.
NI All	all the lowercase characters
3	from the string name.
2 turns	of us strong priors in strong Hassa - I al
4,	name teim () -> Returns a new String after removing all the leading and trailing spaces from the original String.
HSW)	all the feading and trailing
	Spaces from the original String.
tur	intex 3 (int) - 1 is return
5,	name Substring (int start) -> Returns a substring from  Start to the end musustring (3)  Seeturns "ry"  [Nok that index starts from 0]
	start to the end musushing (3)
Wh -	Seturns "ry"
1,	[Nok that index starts from 0]
6,	name substring (int start, int end) -> Returns a substring from
6.0	Start index to the end
	index. Start index is included
	and end is excluded
b.Tu.S	Char Char
17	name replace ('r', 'p') -> Returns a new string after replacing
The same of the sa	r with b. Habby is returned
	name replace ('r', 'p') -> Returns a new string after replacing r with p. Happy is returned in this case.

8,	name starts with ("Ha") -> veturns true if name starts  String with string "Ha" true in  this case!
	this case?
9,	name ends with ( ry ) - returns true if name ends
	name ends With ("ry") -> Veturns true if name ends  String with string "ry" true in  this case.
1.00	thus case.
las	mame character at a similar
10,	name charAt (2) -> returns character at a given index int position r in this case !
1. 1	
117	name index Of (s) -> returns the index of the given string.
513776	str too ex name index of ("ar") returns
	1 which is the forst occurance
a dead Of	name index Of(s) returns the index of the given string.  str For ex: name index Of ("ar") returns  1 which is the first occurre  of ar in string "Harry", -1 otherwise
12,	name index Of ("5", 3) -> returns the index of the given  Grung Starting from the  index 3 (int) -1 is returned  in this case!
Seine !	Grung Starting from the
V	index 3 (int)1 is returned
sport	in this case!
Apadalad	A two att of tends
137	name last Index of ("r") -> returns the last index of the
[ ( No.	name last Index of ("r") → returns the last index of the given string. 3 in this case!
147	name last Index Of ("r", 2) - returns the last index
231.	of the given string before index 2.
Andrew A	before index 2.
15-	name equals ("Harry") - returns true if the given
	Gring is easily to "Horw"
	name equals ("Harry") -> returns true if the given  String is equal to "Harry"  false otherwise [ ase Sensitive]
	Table Officewing I was provided

name equals Ignore lase ("harry") - returns true if two
Grings rare equal ignoring
the case of characters. Escape Sequence Characters
Sequence of Characters after backslash '

= Escape sequence Characters Escape Sequence characters Consist of more than one characters but represents one character when used within the Strings. Examples: \n, \t, \, etc. letter = "Dear Havry This lara Course is nice