	Chapter 3 - Strings
arite:	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 > Object
ng tam	Different ways to print in Java. We can use the following ways to print in Java:
27	System. out · print() → No newline at the end!  System. out · println() → Prints a new line at the end  System.out · printf()  System.out · format()
	System out printf (30", ch)
	% for float % c for char %, s for string
	String Methods String Methods operate on Java Strings. They Can be used to find length of the string, Convert to lowercase, ek.

it	Some of the commonly used String methods at
	String name = "Harry";
17	name length () -> Returns length of String name.  (5 in this case)
27	name to Lower (ase () -> Returns a new String which has all the Swercase characters from the String name.
That K	all the buercase characters from
	the string name.
All	all the lowercase characters
	name to Upper Case () -> Returns a new String which has all the lowercase characters from the string name.
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4,	name trim () -> Returns a new String after removing all the leading and trailing spaces from the original String
1(34)	all the leading und training
5,	name Substring (int start) -> Returns a substring from  Start to the end musbushing (3)  Seturns "ry"  [Note that index starts from 0]
	start to the end mususking (3)
- 4k	Leturns ry
10	Nok that index starts from 0]
6,	name substring (int start int end) - Returns a substring from
4.09	name Substring (int start, int end) - Returns a substring from Start index to the end
	index Start index is included
-	char chare and end is excluded
Kaps	Char Charc
-7	name replace ('r', 'p') -> Returns a new string after replacing  r with p. Happy is returned  in this case.
1.1/2	in this case is retwined
	I'I (IV)

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8,	name starts with ("Ha") -> veturns true if name starts  String with string "Ha" true in  this case!
	String With String Ha true in
	Thus case;
0	name ends With ("ry") -> returns true if name ends  String with string "ry": true in this case.
77	mane mas with china "Ku" lands
	this case
2.476	didi and surresides + () and senalations
107	name charAt (2) -> returns character at a girch index position r in this case !
	bosition r in this case
117	name index Of(s) returns the index of the given string.  str For ex: name index Of ("ar") returns  1 which is the first occurance  of ar in string "Harry", -1 otherwise
- Stilver	str for ex: name index of ("ar") returns
	1 which is the first occurrence
	of ar in String "Harry", -1 otherwise
P. TORKS	and the property of the party of the property of the
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!
Spin Pite	Grung Starting from the
	Index 3 (int)1' 15 reluted
1901	in this case!
12-	name: last Index al ("x") -> reference the last index of the
	name last Index of ("r") → returns the last index of the given string. 3 in this case!
	give is wing. Sim the way
14,	name last Index Of ("r", 2) - returns the last index
Also a	of the given string
DL	of the given string before index 2.
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15,	name equals ("Harry") -> returns true if the given  String is equal to "Harry"  false otherwise [ ase Sensitive]
in the same	String is equal to "Harry"
- data	false otherwise [ Case Sensitive]
-	- 94A ATT 61

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