

DAY-24

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STRING

- IT IS PREDEFINED CLASS IN JAVA
- IT IS NON PRIMITIVE DATA TYPE
- STRING VALUE IS ALWAYS ENCLOSED IN DOUBLE QUOTES.
- SIZE OF STRING IS EQUAL TO NUMBER OF CHARACTERS ENTERED WITHIN DOUBLE QUOTES WHICH ARE DECLARED FOR THAT PARTICULAR STRING

EXAMPLE :

```
String s = "java class"
```

- TO FIND THE LENGTH OF THE STRING WE HAVE TO USE LENGTH()
 - s.length()

EXAMPLE :

- WRITE A PROGRAM TO RETRIEVE THE CHAR FROM THE STRING

```
class Test1
{
    public static void main(String[] args)
    {
        String s = "BitsQ";

        for (int i=0; i<s.length(); i++)
        {
            System.out.println(s.charAt(i));
        }
    }
}
```

ARRAY

```
Array_Name.length;
```

STRING

```
String_Name.length();
```

- INDEX RANGE OF STRING ALSO STARTS 0 TO (STRING_NAME.LENGTH()-1)
- charAt(index) : IT IS A METHOD USED TO RETRIEVE CHAR FROM STRING

CONVERTING STRINGS TO ARRAY

- WE CAN RETURN ARRAY OF CHARACTERS FROM THE STRING USING A METHOD toCharArray();
- IT WILL RETURN ARRAY OF CHARACTERS FROM STRING

```
class Test1
{
    public static void main(String[] args)
    {
        String s = "BitsQ";

        char[] ch = s.toCharArray();

        for (int i=0; i<ch.length; i++)
        {
            System.out.println(ch[i]);
        }
    }
}
```

