

Mar'18

03

WK 9 (062-303)

Saturday

Feb'2018

M	T	W	T	F	S	S	M	T	W	T	F	S	S
			1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22	23	24	25
26	27	28											

Q Write a program in java to find the size of a given string into characters.

```

import java.util.Scanner;
class Size {
    String str;
    Size (String s) { str=s; }
    void calc () { int n, i;
                  for (i=0; i < str.length(); i++);
                  n=i;
                  System.out.print ("The size of string: "+ n);
    }
}

```

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04

WK 9 (063-302)

Sunday

```

public static void main (String a[]) {
    String ss;
    Scanner in = new Scanner (System.in);
    System.out.print ("Enter a string without space");
    ss = in.next ();
    Size obj = new Size (ss);
    obj.calc ();
}
}

```

Notes

}

Explanation of the above program:-

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07

WK 14 (097-268)

Saturday

Mar 2018							Apr 2018						
M	T	W	T	F	S	S	M	T	W	T	F	S	S
				1	2	3	4	5	6	7	8	9	10
12	13	14	15	16	17	18	19	20	21	22	23	24	25
26	27	28	29	30	31								

- 8 First of all ~~was~~ have used Scanner class present in java.lang package for reading user input from keyboard.
- 9 Size is the name of class defined. It has an instance variable str, which is
- 10 String type.
- Size constructor has String argument.
- 11 → calc() method is used to calculate the length of the String type variable
- 12 str.
- length() is a library function defined
- 13 in java.lang package which is used to find the length of the str object
- 14 of type String.
- Here we used i variable (local) to calculate the length of str and

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08

WK 14 (098-267)

Sunday store it to local variable n.

- In main function, ss is a local variable of String type. User input is stored into ss by using next() method of scanner class which is returning
- Notes String to ss variable.
- This ss is passed to the constructor of class Size.
- Finally calc() method is executed by using object obj of class Size.