

FEBRUARY						
S	M	T	W	T	F	S
2				1	2	3
0	4	5	6	7	8	9
1	11	12	13	14	15	16
9	18	19	20	21	22	23
	25	26	27	28		

Appointments 23/06/19

08:00

```
public class MyClass {
    public static void main (String [] args) {
        System.out.println ("Hello World");
    }
}
```

11:00 J

VARIABLES:

13:00 type variable-name = value

14:00 Eg:

```
string name = "John";
int num = 20;
```

16:00 string concatenate by '+':

```
string fname = "supriya";
```

```
string lname = "kirthi";
```

```
string name = fname + lname;
```

```
s.o.p (name)
```

Output: supriya kirthi.

JANUARY '19

THURSDAY

01st Week • 003-362

03

Contact :

Notes :



JANUARY '19

04

FRIDAY

01st Week • 004-361

JANUARY

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2		1	2	3	1
0	7	8	9	10	11
1	14	15	16	17	18
9	21	22	23	24	25

DATA TYPES

Appointments

08.00

int float char string boolean
↓ ↓ ↓ ↓ ↓
5 5.99y 'D' "Hello" true

10.00

Types of Data Types:

11.00

Byte : -128 to 127

short : -32768 to 32767

12.00

int : -2147483648 . . .

13.00

long :

float : fraction 6 to 7 decimal

double : fraction 15 decimal

14.00

boolean : True / False

char : single character / Ascii Value

15.00

↓

Primitive Data Types

16.00

17.00

Non- Primitive Data Types

18.00

* Strings

* Arrays

* Classes

Contact :

Notes :



FEBRUARY						
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Appointments

08:00 long mynum = 15000000L;
s.o.p (mynum);

bookan isJavafun = true;
char mygrade = 'A';
char a = 65;

01st Week • 097-360

JANUARY '19
05

10:00 Non-primitive types:

↳ Defined by programmer (except for String)

11:00

Java Type casting:

* Widening casting:

converting a smaller type → larger type size

14:00

byte → short → char → int → long → float → double

15:00

* Narrowing casting:

large → smaller type

17:00

d → f → l → i → c → s → b.

18:00

National Technology Day

SUNDAY 06

Contact :

Notes :



Do not judge me by my successes, Judge me by how many times I fell down and got back up again. – Nelson Mandela

JANUARY '19

07

MONDAY

2nd Week • 007-358

JANUARY

	M	T	W	T	F	S	S
2		1	2	3	4	5	6
0	7	8	9	10	11	12	13
1	14	15	16	17	18	19	20
9	21	22	23	24	25	26	27

Appointments

08:00

STRING:

09:00

String a = 'abcde';

10:00

txt.length();

5

11:00

txt.toUpperCase();

ABCDE

txt.toLowerCase();

abcde

txt.indexOf("locate");

↓

12:00

Please locate where 'locate' occurs → Output: 7

13:00

s.o.println(fname + " " + lname);

14:00

JAVA MATH:

15:00

Math.max(5, 10)

16:00

Math.min(5, 10)

Math.sqrt

17:00

Math.abs

18:00

Contact :

Notes :



The best way to find yourself is to lose yourself in the service of others. — Mahatma Gandhi.

JANUARY '19

FEBRUARY						
S	M	T	W	F	S	S
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29						

Appointments

08:00 String s1 = "java";
 char ch[] = { 'j', 'a', 'v', 'a' };
 string s2 = new string(ch) // convert char array
 to string

10:00

Methods:

11:00

1) charAt

12:00

string name = "javatpoint";
 char ch = name.charAt(4); // t
 s.o.p(ch);

14:00

2) s.o.p(name.length());

15:00

3) print elements present at odd index

16:00

for (int i=0; i<str.length(); i++)

17:00

{
if (i%2 == 0)

18:00

}

s.o.p(str.charAt(i));

a b c d e
0 1 2 3 4↓
[bd]

}

s.o.p("Hello World");
Output: Hello World

Contact :

Notes :



A person who never made a mistake never tried anything new. - Albert Einstein

TUESDAY

2nd Week • 008-357

08

JANUARY '19

09

WEDNESDAY

2nd Week • 009-356

JANUARY

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2		1	2	3	4	5
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Appointments

08:00 ② for (int i=0; i<str.length()-1; i++)

{

09:00 if (str.charAt(i) == 't')

{

10:00 count++;

}

Op:

Hello people

4

3.

11:00 s.o.p(count);

}

12:00

13:00 ③ compareTo()

14:00 s1 = "Hello"; s3 = "meklo";

s2 = "Hello"; s4 = "";

15:00 s.o.p(s1.compareTo(s2)); // 0 if both are equal

s.o.p(s1.compareTo(s3)); // -5 times

16:00 s.o.p(s1.compareTo(s4)); // lower than m

return 5

18:00 ④ string contains:

own return name.indexOf(s1.substring()) > -1;

name = "What do you know about me".

s.o.p(name.contains("about")); → true

• contains("Hello")); → false

Contact:

Notes:



I have not failed. I've just found 10,000 ways that won't work. — Thomas A. Edison

FEBRUARY						
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JANUARY '19

THURSDAY

2nd Week • 010-355

10

Appointments

08:00 4) `s.o.p ("s1. endsWith("d"));`
`s.o.p ("s1. equals("point"));`

javatpoint

OP : True
 True

09:00

10:00 5) `s.o.p (s1. equals (s2));` // case insensitive

ArrayList :

12:00 import java.util.ArrayList

13:00 public class Example {

14:00 psvm (string args[]) {

15:00 string a = "Mukesh";

16:00 ArrayList <string> list = new ArrayList <>();

17:00 list.add ("Ravi");

18:00 list.add ("Mini");

19:00 for (string str: list)

20:00 if (str.equals (a))

21:00 s.o.p ("Mukesh is present");

6) `equalsIgnoreCase` → // case sensitive .

Contact :

Notes :



JANUARY '19

11

FRIDAY

2nd Week • 011-354

JANUARY

	M	T	W	T	F	S	S
2		1	2	3	4	5	6
0	7	8	9	10	11	12	13
1	14	15	16	17	18	19	20
9	21	22	23	24	25	26	27
	28	29	30	31			

Appointments

08:00

6) String Formatting:

09:00

String s = " sono ";

String sf1 = String. format ("name is %s", name);

10:00

String sf2 = String. format (.32.33434);

11:00

String sf3 = String. format ("value is %.32.12f",
32.4434)

12:00

↓
returns 12 char fractional part filled with 0.

13:00

Array:

14:00

import java.util.*;

15:00

public class Hello {

16:00

PSVM (String args[])

{

Scanner sc = new Scanner (System.in);

17:00 Create new // int arr [] = new int (n);

array for (i=0; i<3; i++)

int a = sc.nextInt();

arr[i] = a; } Append elements

3 methods to append elements to array

arrays.sort (arr);

s.0.1P (arr[0]); → point at index 0.

Contact :

Notes :



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Appointments

05:00

09:00

Create a string from char Array

10:00

```
char c[] = {'J', 'a', 'v', 'a'}
String s1 = new String (c)
String s2 = new String (s1)
```

JANUARY '19
12

SATURDAY

2nd Week - 012-153

National Youth Day (India)

12:00

13:00

Operations on string

s1 = "Hello"

14:00

- 1) s1.length() → 5
- 2) str concat → s1 + "world" → Hello World
- 3)

15:00

3) toString class:

17:00

Override toString that can be used for printing concatenation.

18:00

• value of toString is overloaded for all simple types
& for object types.

SUNDAY 13

Syntax:

String toString

Contact :

Notes :



If everyone is moving forward together, then success takes care of itself. — Henry Ford

JANUARY '19

14

MONDAY

3rd Week • 014-351

JANUARY

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0		7	8	9	10	11	12
1	14	15	16	17	18	19	20
9	21	22	23	24	25	26	27

Appointments

08.00

Override `toString()` for Box class:

09.00

class Box {

10.00

 double w;

11.00

 double h;

 double d;

12.00

Box (double w, double h, double d)

{

13.00

 wi = w; he = h; de = d;

14.00

public string `toString()` {

15.00

 return "Dimensions are " + wi + " by " + depth + " by "
 + he;

16.00

Character extraction:

17.00

char `charAt` (int where)

18.00

char ch;

ch = "abc".`charAt` (1);

get more than 1 char at a time: `getChars()`:

Contact :

Notes :



SUNDAY	M	T	W	T	F	S	S
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25	26	27	28				

Appointments

18:00 void getchars (int sourcestart, int sourceend, char target[], int targetl)



index of beginning
of substring

end of
substr

start → end
is copied

11:00 string s = "This is a demo of getchars Method";

12:00 int start = 10;

13:00 int end = 14;

char buf [] = new char [end - start];

s.getChars (start, end, buf, 0);

14:00 //Op: demo .

toCharArray :

15:00 ↳ convert all char in str obj to char Array .

16:00 string s1 = "Hello".

17:00 char [] ch = s1.toCharArray ();

18:00 for (int i=0; i < ch.length (); i++)

{

19:00 s.o.p (ch [i]);

}

Contact :

Notes :



I have many problems in my life. But my lips don't know that. They just keep smiling. ~Charlie Chaplin

JANUARY '19

TUESDAY

3rd Week • 11/13-19/19

15

Indian Army Day

JANUARY '19

16

WEDNESDAY

3rd Week • 016-349

JANUARY

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Appointments

08:00

regionmatches:

09:00

compares specific region inside string with another specific region of other string

10:00

s1.regionmatches(7, str2, 0, 3);

11:00

s1 = "Hello, How are you"

12:00

s2 = "How";

13:00

s1.regionmatches(startindex, str2, startindex, length
of s1 (to be cmp) of s2 of s2)

14:00

op: true

15:00

16:00

Difference between Equals & ==:
↓ ↓

17:00

compares char
in 2str equal compare 2 obj references
to see whether they
refer to same instance.

18:00

Hello equals equal: //true
Hello == Hello: //false.

Contact:

Notes:



If you want to walk fast, walk alone. But if you want to walk far, walk together. - Ratan Tata

FEBRUARY						
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2				1	2	3
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	25	26	27	28		

JANUARY '19

THURSDAY

3rd Week • 017-348

17

Appointments

08:00 indexOf & lastIndexOf :

s1 = "Hello";

s.o.p (s1.indexOf("l")); // 2

s.o.p (s1.lastIndexOf("l")); // 3

Substring:

2 form :

① String substring (int startIndex)

② string substring (int startIndex, int endIndex)

s1 = "Hello World"

s1.substring(5) → "World"

s1.substring(0, 4) → "Hello".

Trim:

Returns copy of string with leading and trailing white space removed.

string s1 = "Hello world".trim();

Cop:

Hello world

Contact :

Notes :



JANUARY '19

18

FRIDAY

3rd Week • 018-347

JANUARY

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2		1	2	3	4	5	6
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Appointments

08 00

1) Reverse a string

09 00

String Builder sb = new String Builder()

10 00

sb.append(res);

sb = sb.reverse();

11 00

String op = sb.toString();

12 00

2) Two arrays with no size:

13 00

String a = sc.nextLine();

14 00

String b = sc.nextLine();

15 00

String[] arr = a.split(" ");

16 00

String[] brr = b.split(" ");

int p=0, q=0;

17 00

for (int i=0; i< arr.length; i++)

{

int x = Integer.parseInt(arr[i]);

18 00

int y = Integer.parseInt(brr[i]);

Normal

as if int array } if x==y:
proced { p+q;

Contact :

Notes :



FEBRUARY						
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Appointments

08:00 3) use string in forloop:

```

09:00     string a = sc.nextLine();
10:00     string[] arr = a.split(" ");
11:00     for (String x : arr)
12:00         {
13:00             int i=0
14:00             for(Character ch:x.toCharArray())
15:00                 {
16:00                     if (i%2==0)
17:00                         s.o.p (Character.toUpperCase(ch));
18:00                 }
19:00             }
20:00         }
21:00     }
22:00 }
```

4) Matrix input:

```

16:00     int mat[][] = new int[n][n];
17:00     for (i=0; i<n; i++)
18:00         for (j=0; j<n; j++)
19:00             {
20:00                 mat[i][j] = sc.nextInt();
21:00                 s.o.p (mat[i][j] + " ");
22:00             }
23:00         }
24:00     }
25:00 }
```

JANUARY '19

SATURDAY

3rd Week • 019-346

19

SUNDAY 20

Contact :



Notes :

Every time you smile at someone, it is an action of love, a gift to that person, a beautiful thing. - Mother Teresa

JANUARY '19

21

MONDAY

4th Week • 021-344

JANUARY

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1	7	8	9	10
2	14	15	16	17
9	21	22	23	24

National Hugging Day

Appointments

08:00 5). Palindrome missing alphabet

09:00

string ab = sc.nextLine();

char[] a = ab.toCharArray();

10:00

for (int i=0; i < a.length/2; i++)

use 2 values in for loop simultaneously

11:00 //

12:00

for (int i=0, j=a.length-1; i<a.length/2; i++, j--)

{ if a[i] != a[j]

{ if a[i+1] == a[j] s.o.p(a[i])

else s.o.p(a[j]);

}

15:00

6) 200 @ 35 400 @ 20 // get ip values assuch.

16:00

String a = sc.nextLine();

String[] arr = a.split(" ");

17:00

String res = " ";

18:00

for (i=0; i < arr.length; i++)

{

String[] nxt = arr[i].split("@");

// nxt[0] → 200

// nxt[1] → 35

Float.parseFloat(nxt[1])

Contact :

Notes :

(01)



for (String s : str)

int j = s.indexOf("@");

d = d + Integer.parseInt()

Sometimes life is going to hit you in the head with a brick. Don't lose faith. - Steve Jobs

FEBRUARY						
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Appointments

(8.00) 9) Find correct operation:

JANUARY '19

TUESDAY

4th Week • 027-111

22

$$\begin{array}{l} 4A5 \rightarrow 4+5 \rightarrow 9 \\ 4Ms \rightarrow 4 \times 5 \rightarrow 20 \\ \Downarrow \text{find} \end{array}$$

10.00 string a = sc.nextLine();
for (int i=0; i < a.length(); i++)

11.00 {
char ch = a.charAt(i);
if (ch >='A' || ch >='Z') :

12.00 ind = a.indexOf(ch);

13.00 }
string prev = a.substring(0, ind);
string next = a.substring(ind+1, a.length());
int p = Integer.parseInt(prev);
int n = Integer.parseInt(next);

16.00 8) Array list:

PSVM

17.00 list<Integer> al = new ArrayList<>();
al.add(10);

18.00 al.add(20);

Iterator<Integer> itr = al.iterator();

while (itr.hasNext())

{

int x = (Integer) itr.next();

if (x < 10)

itr.remove();

s.o.p(al);

Contact :

Notes :



There are only two ways to live your life. One is as though nothing is a miracle. The other is as though everything is a miracle. - Albert Einstein

JANUARY '19

23

WEDNESDAY

4th Week • 023-342

Appointments

Insert :

08.00

9) `StringBuffer sb = new StringBuffer();
 sb.insert(3, "123");
 S.D.P (sb); ↓ ↓
 pos elem`

10.00

11.00

16) Descending iterator:

12.00

`String a = sc.next()`

13.00

`char[] ch = a.toCharArray();`

14.00

`TreeSet<Character> nwh = new TreeSet<Character>();``Iterator it;``for (int i=0; i < ch.length; i++)`

15.00

`nwh.add(ch[i]);`

16.00

`it = nwh.descendingIterator();`

17.00

`while (it.hasNext())`

{

18.00

`S.D.P (it.next());`

}

11) check 2 char equal:

`for (int i=0; i < st.length(); i++)``j = i+1;``if (st.charAt(i) == st.charAt(j))`

Contact :

Notes :



Life is what happens to us while we are making other plans. - Allen Saunders

JANUARY

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Appointments

08:00 11) Append elem to Arr:

```
int a[] = new int[n];
int b[] = new int[a.length];
for (int i=0; i<a.length; i++)
    b[i] = a[i];
```

b[0]++;

b[1] = 23;

b[a.length-1] = 40;

```
for (int i=0; i<b.length; i++)
{
```

System.out.print(b[i] + " ");

}

12) Toggle case:

```
Scanner sc = new Scanner(System.in);
```

String a = sc.nextLine();

String togg = " ";

```
for (int i=0; i<a.length(); i++)
```

char ch = a.charAt(i);

```
If (Character.isUpperCase(ch))
```

{ ch = Character.toLowerCase(ch); }

togg = togg + ch;

}

```
else if (Character.isLowerCase(ch))
```

{

ch = Character.toUpperCase(ch);

togg = togg + ch;

}

Notes :

Contact :



start ↑ end

Maps · copyOfRange (arr, 0, n)

src name

JANUARY '19

THURSDAY

4th Week • 024.341

24

JANUARY '19

25

FRIDAY

4th Week • 025-340

Appointments

08.00

15) string ends with substring .

09.00

String substr = str1.substring(str1.length() - str2.length());

if substr.equals(str2)

return true

else

return false .

abc, bc → true
feminine, nine → false.

10.00

11.00

12.00

13.00

14.00

15.00

16.00

17.00

18.00

typeof

14) convert string to Integer: parseInt()

15) Find no of words in sentence:

String[] words = s.split(" ");

print(words.length);

16) non-u-men-tal → A/I/bp:

s.o.p(word.split("-").length);

17) isInteger(): determines whether the value is an integer
typeof Number. isInteger(value);

18). reverse string in java

String Builder sb = new String Builder(str)

String result = sb.reverse().toString();

s.o.p(result);

Contact :

Notes :



Life isn't about finding yourself. Life is about creating yourself. – George Bernard Shaw

JANUARY

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National Voter Day

31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

JANUARY '19

SATURDAY

This Week + 130+ 333

26

Scrapbook Day (Today)

String class Methods:

- 1) char charAt (int index) → returns char at particular index
- 2) int length()
- 3) String substring (int startindex)
- 4) String substring (int beginIndex)
- 5) String substring (int beg, int end)
- 6) boolean contains (charseq s);
- 7) String join (char delim, charseq elem)
- 8) boolean equals
- 9) boolean isEmpty()
- 10) String concat
- 11) String replace (char old, char new)
- 12) int indexOf (String substring)
 " " (int ch, int fromIndex)
- 13) String toUpperCase()
 toLowerCase()
- 14) trim()
- 15) valueOf() → converts to string
- 16) Integer → String:
 Integer.toString()
- 17) String → Integer:
 String.valueOf();

SUNDAY 27

Contact :

Notes :



Not all of us can do great things. But we can do small things with great love. - Mother Teresa

JANUARY '19

28

MONDAY

5th Week • 028-337

Appointments

08:00 (i) Repeated strings:

09:00 ip: string op: sstirriinngg

10:00 (ii) Using chararray:

```
11:00 string doubled = "";
for (char n: s.toCharArray()) {
    doubled += n;
    doubled += n;
}
13:00 cout << s.o.p(doubled);
```

14:00 (i) Using string Builder & Append:

```
15:00 stringBuilder sb = new stringBuilder();
for (int i=0; i<s.length(); i++) {
    sb.append(s.charAt(i));
    sb.append(s.charAt(i));
}
17:00
18:00
```

(ii) Normal for loop:

BEST
string res = "";
for (int i=0; i<s.length(); i++)
{
 res = res + s.charAt(i) + s.charAt(i);
}

Contact :



Notes : s.o.p(res);

Dare to be free, dare to go as far as your thought leads, and dare to carry that out in your life. - Swami Vivekananda

JANUARY						
2	M	T	W	T	F	S
0	1	2	3	4	5	6
1	7	8	9	10	11	12
2	14	15	16	17	18	19
3	21	22	23	24	25	26
4	28	29	30	31		

FEBRUARY						
M	T	W	T	F	S	S
2			1	2	3	
0	4	5	6	7	8	9
1	11	12	13	14	15	16
2	18	19	20	21	22	23
3	25	26	27	28		

Appointments

08:00 iv) chararray:

char[] chars = s.toCharArray();

StringBuilder sb = new StringBuilder();

for (char c : chars) {
 sb.append(c);
}

y
s.o.p(sb.toString());

v)

for (String c : letters)

{

res += c;

res += c;

y

s.o.p(res);

20) ip: Donald Trump (op: Trump + Donald)

String s;

String[] names = s.split(" ");

s.o.p(names[1] + " " + names[0]);

Contact :



Notes :



JANUARY '19

TUESDAY

5th Week • 029-336

29

JANUARY '19

30

WEDNESDAY

5th Week • 030-335

JANUARY						
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	29

Appointments

08:00

20) ip: ("A") $\rightarrow [1, 0, 0]$

Count str rals.

g1/string

09:00

("ABC") $\Rightarrow [1, 1, 1]$

("ABCBACCC") $\Rightarrow [2, 2, 3]$

10:00

int res[] = new int[3] // int scores[] = {0, 0, 0}

for (int i=0; i < s.length(); i++)

{ if (s.charAt(i) == 'A') { res[0]++; }

else if

else

12:00

13:00

21) countTrue ([true, true, false, true]) \Rightarrow /lop: 2 Ret no of count value

14:00

//ip: bookanI) arr.

15:00

int count = 0;

for (int i=0; i < arr.length; i++)

{

if (arr[i] == true)

count++;

}

16:00

17:00

18:00

\Rightarrow S.O.P (count);

22) check if word has 2 consec ident lett. Loop True

for (int i=0; i < s.length(); i++)

{

if (s.charAt(i) == s.charAt(i+1))

{

Contact :

Notes :

S.O.P ("true");

}



\Rightarrow etc

S.O.P (False) \Leftarrow S.O.P

Don't take rest after your first victory because if you fail in second, more lips are waiting to say that your first victory was just luck. - A.P.J. Abdul Kalam

JANUARY '19

THURSDAY

5th Week • 031-334

31

International Street Children's Day

FEBRUARY		S	S	S	S	S
1	M	T	W	T	F	S
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	29

Appointments

08:00

23) Repeat letter n times like, z → mmilccce

String res = " ";

```
for (int i=0; i<s.length(); i++)  
    for (int j=0; j<n; j++)  
        res += s.charAt(i);
```

System.out.println(res);

24) Check no of vowels:

```
int vowelCount = 0;  
for (int i=0; i<s.length(); i++)
```

```
    if ("aeiouAEIOU".contains(String.valueOf(str.charAt(i))))
```

```
        vowelCount++;
```

```
System.out.println(vowelCount);
```

18:00

Contact :



Notes :

There is no friend as loyal as a book. - Ernest Hemingway

FEBRUARY '19

01

FRIDAY

5th Week • 032-333

FEBRUARY

	M	T	W	T	F	S
0	4	5	6	7	8	9
1	11	12	13	14	15	16
2	18	19	20	21	22	23
3	25	26	27	28	29	30

Appointments

08:00 25) Remove every vowel from a string : (3 methods)

09:00 1) `s = s.replaceAll("[aeiouAEIOU]", "");`

10:00 2) `String vowels = "aeiou AEIOU";`

`String op = "";`

11:00 `for (int i=0; i < s.length(); i++)`

{ `char c = s.charAt(i);`

12:00 `if (vowels.indexOf(cc) < 0)`

{

13:00 `op += c;`

}

14:00 `3) s.o.p(op);`

15:00 3) `String[] vowel = {"a", "e", "i", "o", "u"};`

`for (int i = 0; i < s.length(); i++)`

16:00 { `s = s.replace(vowels[i], "");`

17:00 `for (int i = 0; i < s.length(); i++)`

{

18:00 `s = s.replace(vowels[i].toUpperCase(), "");`

{

`s.o.p(s);`

}

Contact :

Notes :



MARCH						
S	M	T	W	T	F	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
29	30	31				

Appointments

15:00 26) Count no of 1's in Binary representation of the number.

FEBRUARY '19

SATURDAY

02

5th Week • 033-332

World Wetlands Day

int n; // input

String binary = Integer.toBinaryString(n)

int count = 0;

for (int i=0; i<binary.length(); i++)

{ char c = binary.charAt(i);

If (c == '1')

{ count += 1;

}

s.d.p(clorent);

(or)

String binary = Integer.toString(n, 2);

27) Factor chain: [3, 16, 12, 36] // Return true

for (int i=0; i<arr.length-1; i++) {

If arr[i+1] - arr[i] != 0) { return false;

}

} return true;

28) Uppercase for char & string: "seas", "onal" → seasonal

SUNDAY 03

①. return left.substring(0,1) + Character.toUpperCase() + left.substring(1) + right;

(or)

return character.toUpperCase(left.charAt(0)) + left.substring(1) + right;

②

Notes :

{ a.substring(0,1).toUpperCase()
Character.toUpperCase(a.charAt(0)), }

Live as if you were to die tomorrow. Learn as if you were to live forever. — Mahatma Gandhi

FEBRUARY 19

04

MONDAY

8:30 AM - 03:30 PM

Attachments:

29) Phone Number Formatting

Given [1, 2, 3, 4, 5, 6, 7, 8, 9, 0] → "(123) 456-7890"

10:00 1) S.O.P ("[" + nums[0] + nums[1] + ...)
11:00 2) for (int i : nums)
12:00 {
13:00 sb.append(i);
14:00 }
15:00 return sb.toString();

StringBuilder sb = new StringBuilder();
sb.insert(0, "(");
sb.insert(4, ")");
sb.insert(5, " ");

15:00 30) Convert number to base 2: 1101 //int num (p)

16:00 between Integer.toBinaryString(num)

17:00 31) Largest swap 27 → 72 (False) 13 → 34 (True)

18:00
String numb = Integer.toString (num)
String x = numb.charAt(1) + numb.charAt(0)
int f = Integer.parseInt(x);
int g = Integer.parseInt(numb);
if (f == g) S.O.P("True");
else S.O.P("False");

Contact:

Notes:



Nothing is impossible, the word itself says "I'm possible" - Audrey Hepburn

FEBRUARY

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	29

Wednesday

MARCH						
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
29	30	31				

Appointments

08:00 ✘ convert int to string:

09:00 string num = Integer.toString(n);

10:00 ✘ convert str to int:

11:00 int g = Integer.parseInt(num);

12:00 ✘ 2) Reverse Array in Java:

13:00 int [] arr = {1, 2, 3, 4, 5};

14:00 int [] op = new int [arr.length];

15:00 int j = 0;

for (int i=0; i < arr.length; i++)

{

16:00 op[j] = arr[i];

j++

}

17:00 S.O.P (op);

}

18:00 33) check if str is arranged in ascending order.

str = "11ip"

return str == str.split(" ").sort().join(" ");

Math
↓

FEBRUARY '19

TUESDAY

9th Week • 030-329

05

Contact :

Notes :



I've learned that people will forget what you said, people will forget what you did, but people will never forget how you made them feel - Maya Angelou

FEBRUARY '19

06

WEDNESDAY

6th Week • 037-328

Appointments

08.00

34) a^b
 $\text{solwexp}(4, 1024) \Rightarrow 4^5 = 1024$, $E2, 1024(1) \Rightarrow 2^{10} = 1024$
return 10

09.00

for (int i=0; i<=b; i++)

10.00

{
if (Math::pow(a; i) == b)
return i;

11.00

}

12.00

return 0;

}

13.00

35) Replace all vowels with a specific character.

14.00

return str.replaceAll("[aeiou]", String.valueOf(ch));
return str.replaceAll("[aeiou]", "" + ch);

15.00

0	4	5	1
1	11	12	7
9	18	19	3
	25	26	21

FEBRUARY '19

THURSDAY

6th Week • 038-317

07

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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	29	30	31

Appointments

ArrayList :

ArrayList name

1) ArrayList<String> l = new ArrayList<String>();

l.add ("Mango");
l.add ("Apple");

2) Iterator:

Iterator itr = list.iterator(); //getting the Iterator
while (itr.hasNext())

{

s.o.p (itr.next());

}

3) Sort ArrayList :

Collections.sort (list);

- add (i)
- get (i)
- remove (i)

4) Traversing ArrayList through for Loop:

for (int i=0; i < list.size(); i++)

{

s.o.p (list.get (i));

}

for (String str: list)

s.o.p (str + " ");

Contact :

Notes :

