

14 WEDNESDAY

2014
May

Day-3

Constructors :

Employee e = new Employee() → object

* Constructor is a special method invoked implicitly when an object is created.

* Constructor name must be the same as the name of the class

* Constructor must not have a return type (not even void)

Types of Constructors.

* Default Constructor

* Parameterized constructor.

Default Constructor :

Notes

A constructor with no argument is known as default constructor.

As we look ahead into the next century, leaders will be those who empower others.

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

2014

May

THURSDAY

15

8 parametrized constructor.

9 A constructor with argument.

10 "this" keyword.

11 public class Rectangle

12 {
private float length;
private float breadth;

1 public Rectangle (float length, float breadth)

2 {
this.length = length;

3 this.breadth = breadth;

4 }

5 public float CalArea()

6 {
return length * breadth;

Notes

}

As long as you're going to be thinking anyway, think big.

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

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constructor overloading

A class can have any number of Constructors but they should differ in the parameter list.

Static :

Static is a Variable

main method is declared as static

```
public static void main( String a[] )
```

packages :

modularity : break a program into smaller unit.

Loops in java

Syntax while loop

```
while( boolean condition )
```

```
{ loop statements ...  
}
```

Opportunity is missed by most people, because it is dressed in overalls and looks like work.

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

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SATURDAY 17

for loop
syntax

for(initialization, testing, incr/decr)

{
Statement(s)
}

do while
syntax:

do {

Statements . . .

} while(condition)

SUNDAY

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Notes

The only place where success comes before work, is in the dictionary.

July	August	September	October	November	December
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5	31 1 2	1 2 3 4 5 6	1 2 3 4 30	1	1 2 3 4 5 6
6 7 8 9 10 11 12	3 4 5 6 7 8 9	7 8 9 10 11 12 13	5 6 7 8 9 10 11	2 3 4 5 6 7 8	7 8 9 10 11 12 13
13 14 15 16 17 18 19	10 11 12 13 14 15 16	14 15 16 17 18 19 20	12 13 14 15 16 17 18	9 10 11 12 13 14 15	14 15 16 17 18 19 20