Day - 2

8

Enum in Java

9 enums are represented using enum data type

10

Eneumerations serve the purpose of representing a group of named constant in a programming language.

11

12

1 Enum declaration can done outside a class or inside a class but not inside a method.

2

3

4 All enums implicity Extend Java lang Enum. class

5 All enum implicity Extend Java lang. Enum class

6 ordinal ( ) method

value of ( ) method.

12 MONDAY

Conditions

8

1) if syntax : if (condition) { // statement }

9

2) if - else

10

3) nested - if

11

4) If - else - if

12

5) Switch case.

1

6) Jump.

2

• Decision making in programming is
3 similar to decision making in real life.

4

Jump ⇒ break, continue, return.

5

Break
6 Terminate a sequence in a Switch
Statement .

Continue.
Sometimes it is useful to force an
early iteration of a loop.

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 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

8 return.

The return statement is used to
9 Explicity return from a method.

10

11 switch case in Java.

12 Syntax

1 Switch ( ) {

2 Case x :
                // code
3 break ;

4 case y :
                // code

5 break ;

6 default :
                // code .

Notes

}.

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
20 21 22 23 24 25 26	17 18 19 20 21 22 23	21 22 23 24 25 26 27	19 20 21 22 23 24 25	16 17 18 19 20 21 22	21 22 23 24 25 26 27
27 28 29 30 31	24 25 26 27 28 29 30	28 29 30	26 27 28 29 30 31	23 24 25 26 27 28 29	28 29 30 31