1)

Ans ) 3

2)

Ans) Congratulations!

3)

Ans)

Positive Number

The number is 6

4)

Ans) 2

5)

It will print x .

If it enters if loop , then it means that it will not enter else if and else loop , even though else if loop condition is satisfied .

6)

output : Y

7)

Output : ab

In case 'a':

After System.out.print("a"); there is no break statement break;

Therefore , it enters default block and also prints b

default:

System.out.print("b");

Therefore the output :

ab

8)

Ans) output :

Grade B - marks >=60

9)output:

Grade B

10)

Ans) compilation error

11)

Ans) program will get successfully compiled and get executed .

But there is **no output.**

If int day= 1 ;

Then it will enter all the cases and the following will be the output :

Monday

Tuesday

Wednesday

Thursday

Friday

12) compilation error

13)

Even though default block is before case 3 :

First it will search for case 3: and prints the message in it and also enters all the subsequent case blocks following “ case 3: “ since case 3: does not have any break; statement in it.

Therefore the output is :

Happy

New

Year

In this case int code = 3.

But if code had any value other than 1,2,3,4,5 , then the result would be

A

Happy

New

Year

14) 14th and 13th question are same .

Even though default block is before case 3 :

First it will search for case 3: and prints the message in it and also enters all the subsequent case blocks following “ case 3: “ since case 3: does not have any break; statement in it.

Therefore the output is :

Happy

New

Year

In this case int code = 3.

But if code had any value other than 1,2,3,4,5 , then the result would be

A

Happy

New

Year