

***Basic Java Lab Exercise Day-2 Duration: 2 Hours***

***Find the output***

***Question: 1***

public class Program1{

public static void main(String[] args){

short x = 10;

x = x \* 5;

System.out.print(x);

}

}

***Question: 2***

public class Program2{

public static void main(String[] args){

int Integer = 24;

char String = ‘I’;

System.out.print(Integer);

System.out.print(String);

}

}

***Question: 3***

public class Program3{

public static void main(String[] args){

int x = 5;

x \* = (3 + 7);

System.out.println(x);

}

}

***Question: 4***

How to compile java code in command prompt?

A. javac filename.java

B. java filename.java

C. javac filename

D. java filename

***Question: 5***

How to run java program in command prompt?

A. javac filename.java

B. java filename.java

C. javac filename

D. java filename

***Coding Programs***

***Program: 5***

Write a Java program to find out sum of digits for a given 3-digit number.

For example,

Input: 365 Outputs: 14

***Program: 6***

Write a Java program to find out next multiple of 100 for the given number.

For example,

Input: 125 Outputs: 200

***Program: 7***

Write a Java program to find out next/previous multiple of 10 for a given number?

If the right most digit of the number is less than 5, then round off its value to the previous multiple of 10 otherwise if the right most digit of the number is greater or equal to 5, and then round off to the next multiple of 10.

For example

Input: 23 Outputs: 20

Input: 26 Outputs: 30

***Program: 8***

Write a Java program to display the following pattern.

*Sample Pattern :*

J a v v a

J a a v v a a

J J aaaaa V V aaaaa

JJ a a V a a

***Program: 9***

Write a Java program to print an American flag on the screen.  
Expected Output

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***All the Best***