Level – 1 Programming Assignment

Question 1

```java
public class Addition {

    public static void main(String[] args) {

        int x = 10;
        int y = 20;

        System.out.println(""+output);
    }
    // write code to find exact same console output
    // Sum of 10 & 20 is 30
    // Note : You cannot remove any code inside / changes are acceptable



}
```

Question 2

```java
3 public class Addition {
4
5     public static void main(String[] args) {
6
7         int x = 10;
8         int y = 20;
9
10
11     }
12     public void doTask(int x,int y)
13     {
14         // write code to sum both numbers and print
15     }
16
17
18 }
19
```

Question 3

```java
3 public class JavaTasks {
4      public static void main(String[] args) {
5
6          int x;// write code to read values through user input using
7          int y;// Scanner class
8
9          // call doAddition(...) operation if both numbers are even and less than 100
10         // if both numbers are even and any one number is greater than 100 , then print
11                 // "No Task Assigned"
12
13         // call doSubstraction(...) operation if any one number is prime.
14
15         // use isPrime() & isEven() to find whether number is prime or even
16     }
17
18     public void doAddition(int x, int y) {
19         // print output
20     }
21     public void doSubsctraction(int x, int y) {
22         //print output
23     }
24     public boolean isPrime(int number) {
25
26     }
27     public boolean isEven(int number) {
28
29     }
30
31 }
```

Question 4

Print Following star pattern

```
*
* *
* * *
* * * *
```

```
*
_ *
_ _ *
_ _ _ *
_ _ *
_ *
*
```

```
-------------------
```

```
      *
    *   *   *
  *   *   *   *   *
*   *   *   *   *   *   *
```