Assignment 2

1.Write a Java program that displays the sum of n odd natural numbers.

2.Write a Java program that accepts three numbers and prints "All numbers are equal" if all three numbers are equal, print "All numbers are different".

Example -
Input first number: 1564
Input second number: 2526
Input third number: 3456
Expected Output : All numbers are different

3.Check whether the three numbers are consecutive or not
Expected Output: Input the first number: 11
Input the second number: 12
Input the third number: 13

4. Write a program to swap a two number
Example — A =20 & B=30
Output — A=30 & B =20

5. Write a program to swap the numbers without using third variable.
Example — A =20 & B=30
Output — A=30 & B =20

6. Write a java program to find a factorial of a given number
Input 5
Output - 120

7. Write a program to find the given number is prime or not

8. Write a Java program to generate the following * triangles

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

9.Write a Java program to generate the following * triangles.

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

10.Write a Java program to generate the following * triangles.

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*****
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*
```

11.Write a Java program to generate the following @'s triangle.

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    *
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  ***
 ****
 *****
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