1. Hello world in java.
2. Addition of arrays by using method. Array elements are already given.
3. Append all zeroes to end of array.
4. Check even odd . Static input
5. Check number is palindrome or not. Static input.
6. Calculate simple interest using if else. Static input
7. Data types and its conversion.
8. Decimal to binary conversion.
9. Check even odd by using different function.
10. Program using final keyword.
11. Find min and max number from an array. Static input
12. Find occurrences of zeros from given array

Print below patterns using for loop.

1. Print multiple of 2 using for loop. (forLoop1) 0,2,4,6,8….20.
2. forLoopPattern2

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1. forLoopPattern3

sum from 1to 10. 1+2+3+4+5…. Total sum = 55

1. forLoopPattern4

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1. forLoopPattern5

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1. forLoopPattern6

1

12

123

1234

1. forLoopPattern7

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1. forLoopPattern8

1

12

123

1234

1. forLoopPattern9

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1. forLoopPattern10

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1. ForLoopPattern11

1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

6 6 6 6 6 6

7 7 7 7 7 7 7

8 8 8 8 8 8 8 8

9 9 9 9 9 9 9 9 9

1. ForLoopPattern12

1

1 2 1

1 2 3 2 1

1 2 3 4 3 2 1

1 2 3 4 5 4 3 2 1

1. ForLoopPattern13

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1. Calculate grade using if else. Static input

Marks>=80 A grade

1. Check even odd using function.
2. Get pattern using for loop as function.

1+2+3 = 6

1+2+3+…+10 = 55

1. Program to find HCF from given setoff numbers.
2. Find occurrences in string

Nisshh ,occurrence of s is 2

1. Check given number is prime or not.
2. List all the previous prime number

eg. All prime numbers before 9 = 2,3,5,7.

1. Reverse the input number. While loop
2. Reverse the number using for loop.
3. Reverse array
4. Reverse string.
5. Find second largest number from given array.

3,5,6,1 => second largest 5

1. Calculate simple interest.
2. Check number is positive, negative or zero using SWITCH CASE.
3. Hackerrank program – print table using for loop

2 x 5 = 10

2 x 6 = 12

2 x 7 = 14

2 x 8 = 16

2 x 9 = 18

2 x 10 = 20

1. Project euler problem1

If we list all the natural numbers below 10 that are multiples of 3 or 5, we get 3, 5, 6 and 9. The sum of these multiples is 23.

Find the sum of all the multiples of 3 or 5 below 1000.

1. Project euler problem2

Each new term in the Fibonacci sequence is generated by adding the previous two terms.

By starting with 1 and 2, the first 10 terms will be:

1, 2, 3, 5, 8, 13, 21, 34, 55, 89, ...

By considering the terms in the Fibonacci sequence whose values do not exceed four million,

find the sum of the even-valued terms.