public static void main (String[] args)

{

System.out.println(superLcm(6));

}

public static long superLcm(int n){

long ans = 0;

int k = n-1;

for(int i=1;i<=n;i++){

long t = ((long)Math.pow(i, k) \* lcm(i,n));

ans += t;

k--;

}

return ans;

}

public static int lcm(int a, int b){

int max = a>b?a:b;

int min = a<b?a:b;

if(max%min == 0)return max;

int i = 2;

int p = max \* i;

while(p%min != 0){

i++;

p = max \* i;

}

return p;

}

[7:37 pm, 06/10/2022] Vipul Sir CDAC: / Java program to find the sum of numbers

// divisible by M in the given range

import java.util.\*;

class GFG{

// Function to find the sum of numbers

// divisible by M in the given range

static int sumDivisibles(int A, int B, int M)

{

// Variable to store the sum

int sum = 0;

// Running a loop from A to B and check

// if a number is divisible by i.

for (int i = A; i <= B; i++)

// If the number is divisible,

// then add it to sum

if (i % M == 0)

sum += i;

// Return the sum

return sum;

}

// Driver code

public static void main(String[] args)

{

// A and B define the range

// M is the dividend

int A = 6, B = 15, M = 3;

// Printing the result

System.out.print(sumDivisibles(A, B, M) +"\n");

}

}

[7:37 pm, 06/10/2022] Vipul Sir CDAC: import java.io.\*;

class GFG {

// Function to count the numbers divisible by

// M in a given range

static int countDivisibles(int A, int B, int M)

{

// Variable to store the counter

int counter = 0;

// Running a loop from A to B and check

// if a number is divisible by M.

for (int i = A; i <= B; i++)

if (i % M == 0)

counter++;

return counter;

}

// driver program

public static void main(String[] args)

{

// A and B define the range, M is the dividend

int A = 30, B = 100, M = 30;

// Printing the result

System.out.println(countDivisibles(A, B, M));

}

}

[7:37 pm, 06/10/2022] Vipul Sir CDAC: import java.io.\*;

class GFG

{

// Function that return true if A and B

// have same number of digits

static boolean sameLength(int A, int B)

{

while ((A > 0) && (B > 0))

{

A = A / 10;

B = B / 10;

}

// Both must be 0 now if

// they had same lengths

if ((A == 0 )&& (B == 0))

return true;

return false;

}

// Driver code

public static void main (String[] args)

{

int A = 21, B = 1;

if (sameLength(A, B))

System.out.println ("Yes");

else

System.out.println("No");

}

}

Tum sab ko coding questions 30 min ( 2 questions karna hai 3 questions me)

1. Code to find a duplicate number in an array of 1000 sequential numbers

2. Code to check if a number is power of 10

class HelloWorld {

public static void powerOfNum(int num)

{

int n = num ;

while(num%10 == 0 )

{

//digit = num %10 ;

num = num /10 ;

}

if(num == 1)

System.out.println("Num "+n+" is power of 10");

else

System.out.println("Num "+n+" is not power of 10");

}

public static void main(String[] args) {

powerOfNum(10000);

}

}

3. Program to check if binary tree is balanced or not

4. Program to determine if linked list has a loop

5. Given 2 threads, one thread prints all even numbers and the other thread prints odd- write code to print numbers in natural order

6. Code to find first non-repeating character in a string

Technical Interview

1) Write a code to reverse each word of string without using reverse.

2) Write a code to reverse each letter of string.

3) Difference between Http and Https.

4) What is Polymorphism.

Upcasting

Downcasting.

5) Command to find the ip address of machine in linux

6) Write a code which accepts a no. From user and add those many no. Of nodes from last of a linkedlist to front ie. Before head.

7) Write code to find duplicate elements in a string.

8) Write a code to copy data from a file into a Hashmap.

9) Code to Iterate Hashmap

10) Write Code to show Exception Handling.

11) Nested Try catch,

Can we write finally immediately after try.

12) If in frst catch the argument is Exception e and in second catch the argument is ArithmeticException e what will be the output.

13) Examples for the different types of Exceptions

14) Explain Project Architecture.

Session Management

\* EXPLAIN WITH HELP OF ALL THE SDLC PHASES.

15) Selenium

Jenkins

16) How will you test the Login page

Frontend validations,session is handled perfectly by hitting the next component URL.

Director Round Questions

1) Introduction

(Try to add some quotes )

2) Which qualities of yours will make you fit for working in out company.

3) If you come to take Interview for next recruitment what questions will you ask.

4) Which Location will you prefer.

5) Do you know about out working hours.

6) Any questions for me.

(Ask questions regarding what they have discussed in preplacement talk.