


Java online compiler - Yahoo Inc. X Online Java Compiler X Feedback Question X Test Taker Report X +

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Online Java Compiler

 **VAJIRAM & RAVI**
Institute for IAS Examinations

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General Studies
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Java Certification >

Main.java

Run

Output

Clear

```
1 // Online Java Compiler
2 // Use this editor to write, compile and run your Java code online
3
4 class Sum {
5     int N,S;
6     public Sum() {
7         S=0;
8         System.out.println("Default Constructor");
9         System.out.println("Sum="+S);
10    }
11    public Sum(int a)
12    {
13        N=a;
14        S=N*(N+1)/2;
15        System.out.println("Parametrized Constructor");
16        System.out.println("Sum="+S);
17    }
18 }
19 public static void main(String args[])
20 {
21     Sum S1=new Sum()
22     ;
23
24     Sum S2=new Sum(10)
```


```
Java -cp /tmp/45pXXsNTdw Sum
Default Constructor
Sum=0
Parametrized Constructor
Sum=55
```

Bharavi_S_LP_Practi...pdf

Show all X

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13-07-2023

1. Program

Question 1

Revisit Later

How to Attempt?

pyNth Prime
Write a function that finds and returns the Nth prime number. N will be passed as input to the function.
Assumption: $1 \leq N \leq 1000$, where N is the position of the prime number

The first prime number is 2
The second prime number is 3
The third prime number is 5
The fourth prime number is 7
The fifth prime number is 11
...and so on.

Example1: If the given number N is 10, the method must return the 10th prime number i.e. 29
Example2: If the given number N is 13, the method must return the 13th prime number i.e. 41

1

Attempted: 1/1

C

Compiler: gcc 5.4.0

```
6 {
7     // Read only region end
8     int k=2;
9     int d=0,i,c=0;
10    int p=0;
11    while(d<=input1){
12        for(i=2;i<=k/2;i++){
13            if(k%i==0){
14                c++;
15            }
16        }
17        if(c==0){
18            d++;
19            p=k;
20        }
21        k++;
22        c=0;
23    }
24    return p;
25 }
```

☐ Use Custom Input

Compile and Test

Submit Code

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Main.java

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1 // Online Java Compiler
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14        S=N*(N+1)/2;
15        System.out.println("Sum="+S);
16        System.out.println("Parametrized Constructor");
17    }
18    public static void main(String args[])
19    {
20        Sum S1=new Sum();
21
22    }
23 }
```

Run

Output

Clear

Java -cp /tmp/45pXXsNTdw Sum
Default ConstructorSum=0

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ENG IN

09:08 13-07-2023

Online Test Window

tests.mettl.com/v2/test-window/open/0/0?key=f390cadf

TestsMettl

Bharavi.S
LP_Practice_NthFibonacci / Saved: 0 seconds ago

Test Time: 01:01:54

Finish Test

1. Program

Question 1

Revisit Later

How to Attempt?

nthFibonacci : Write a function to return the nth number in the fibonacci series. The value of N will be passed to the function as input parameter.

NOTE: Fibonacci series looks like -
0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, and so on.

I.e, Fibonacci series starts with 0 and 1, and continues generating the next number as the sum of the previous two numbers.

- first Fibonacci number is 0,
- second Fibonacci number is 1,
- third Fibonacci number is 1,
- fourth Fibonacci number is 2,
- fifth Fibonacci number is 3,
- sixth Fibonacci number is 5,
- seventh Fibonacci number is 8, and so on.

Attempted: 1/1

JAVA7

Compiler: Java - 1.7

```
1 import java.io.*;
2 import java.util.*;
3
4 // Read only region start
5 class UserMainCode
6 {
7     // Read only region end
8     public long nthFibonacci(int input1){
9         int input1 = UserMainCode.nthFibonacci(int)
10
11         int a=0;
12         int b=1;
13         int c=0;
14         int d=3;
15         while(d<=input1){
16             c=a+b;
17             a=b;
18             b=c;
19             d++;
20         }
21         return c;
22     }
23 }
```

☐ Use Custom Input

Compile and Test

Submit Code

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1. Program

Question 1

Revisit Later

How to Attempt?

FACTORIAL of a number

In mathematics, the factorial of a non-negative integer n , denoted by $n!$, is the product of all positive integers less than or equal to n . For example,

$$5! = 5 \times 4 \times 3 \times 2 \times 1 = 120$$

$$4! = 4 \times 3 \times 2 \times 1 = 24$$

$$9! = 9 \times 8 \times 7 \times 6 \times 5 \times 4 \times 3 \times 2 \times 1 = 362880$$

Write a program to find the factorial of a given number.

The given number will be passed to the function as an input parameter of type `int`.

The function is expected to calculate the factorial of the given number and return it as an `int` type.

Assumptions for this program:

The given input number will always be greater than or equal to 1.

Due to the range supported by `int`, the input numbers will range from 1 to 12.

JAVA7

Compiler: Java - 1.7

```
1 import java.io.*;
2 import java.util.*;
3
4 // Read only region start
5 class UserMaincode
6 {
7
8     public int nFactorial(int input1){
9         // Read only region end
10
11         int i=1;
12         int x=1;
13         while(i<=input1){
14             x=x*i;
15             i++;
16         }
17         return x;
18     }
19 }
```

☐ Use Custom Input

?

Compile and Test

Submit Code

LP_Practice_NthFibonacci

Bharavi.S | 13 Jul 2023



Overall Status: Completed Detailed Status: Test-taker Completed

Test Taken on: July 13, 2023 08:57:06 AM IST



Bharavi.S
bharavi.s.2021.ad@ritchennai.edu.in

Test-Taker ID: - 120912472

Overall Summary

40 Marks Scored
out of 40

100 % 100 percentile
out of 71461 Test Takers

3m 12s Time taken
of 1hr 5mins

Marks Scored



Attempt Summary

Distribution of questions attempted in a total of 1 question(s).



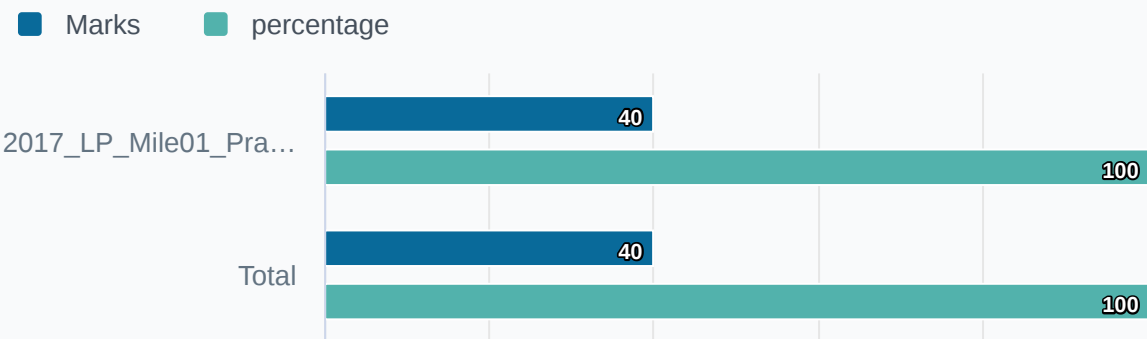
This shows the correctness of questions attempted by the test taker

Correct	1 Ques	40/40 Marks
Incorrect	0 Ques	0/0 Marks
Partially Correct	0 Ques	0/0 Marks
Not Attempted	0 Ques	0/0 Marks

Section-Wise Details

▼ Section 1 Program	question(s) 1 Q.	Time taken 3m 12s (Untimed)	Marks Scored 40 / 40
------------------------	---------------------	--------------------------------	-------------------------

Marks Scored



Attempt Summary

Distribution of questions attempted in a total of 1 question(s).



■ Correct	1 Ques	40/40 Marks
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This shows the correctness of questions attempted by the test taker

Test Log

13th Jul 2023

08:53 AM  Started the test with Program

08:57 AM  Finished the test

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LP_Practice_nFactorial

Bharavi.S | 13 Jul 2023



Overall Status: Completed Detailed Status: Test-taker Completed

Test Taken on: July 13, 2023 08:52:57 AM IST



Bharavi.S
bharavi.s.2021.ad@ritchennai.edu.in

Test-Taker ID: - 120912436

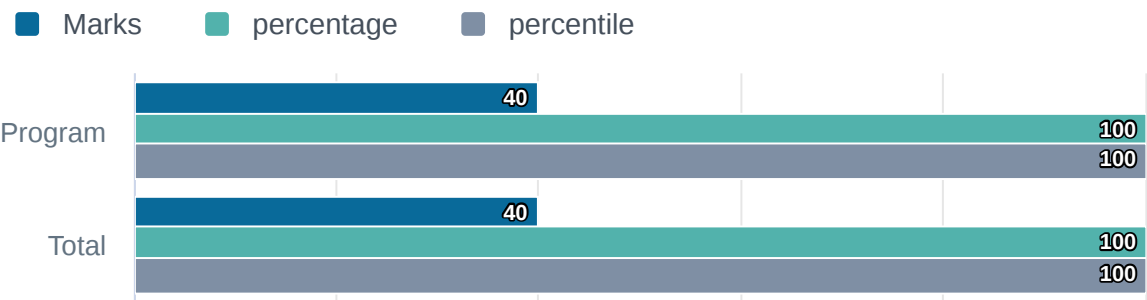
Overall Summary

40 Marks Scored
out of 40

100 % 100 percentile
out of 58001 Test Takers

2m 29s Time taken
of 1hr 5mins

Marks Scored



Attempt Summary

Distribution of questions attempted in a total of 1 question(s).



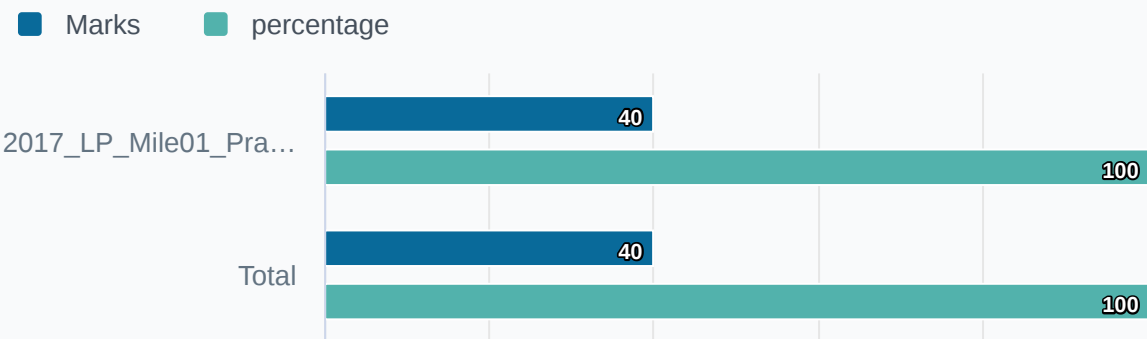
This shows the correctness of questions attempted by the test taker

Correct	1 Ques	40/40 Marks
Incorrect	0 Ques	0/0 Marks
Partially Correct	0 Ques	0/0 Marks
Not Attempted	0 Ques	0/0 Marks

Section-Wise Details

▼ Section 1 Program	question(s) 1 Q.	Time taken 2m 29s (Untimed)	Marks Scored 40 / 40
---------------------------	---------------------	--------------------------------	-------------------------

Marks Scored



Attempt Summary

Distribution of questions attempted in a total of 1 question(s).



■ Correct	1 Ques	40/40 Marks
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This shows the correctness of questions attempted by the test taker

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LP_Practice_NthPrime

Bharavi.S | 13 Jul 2023



Overall Status: Completed Detailed Status: Test-taker Completed

Test Taken on: July 13, 2023 09:11:52 AM IST



Bharavi.S
bharavi.s.2021.ad@ritchennai.edu.in

Test-Taker ID: - 120912678

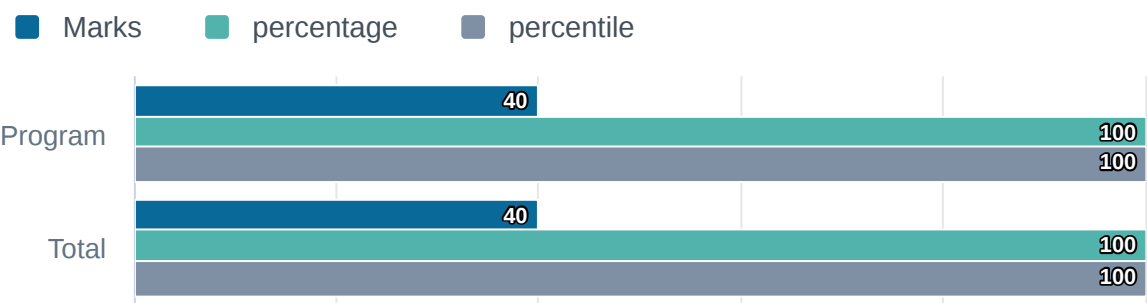
Overall Summary

40 Marks Scored
out of 40

100 % 100 percentile
out of 63397 Test Takers

2m 53s Time taken
of 1hr 5mins

Marks Scored



Attempt Summary

Distribution of questions attempted in a total of 1 question(s).



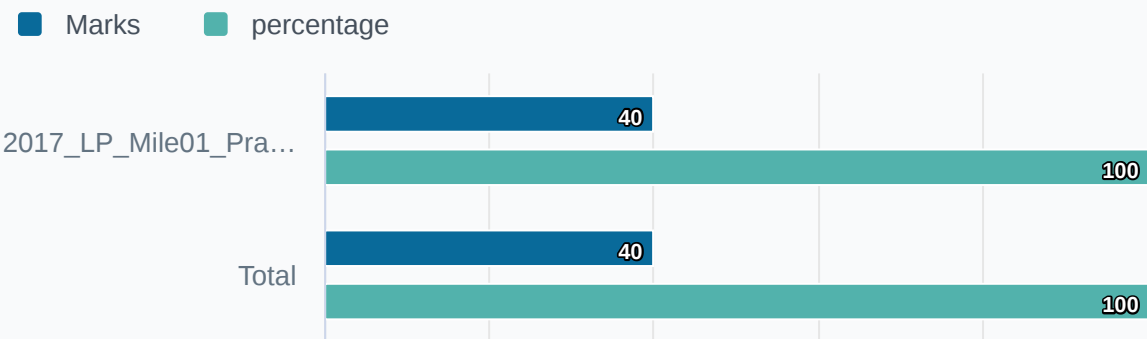
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Not Attempted	0 Ques	0/0 Marks

Section-Wise Details

▼ Section 1 Program	question(s) 1 Q.	Time taken 2m 53s (Untimed)	Marks Scored 40 / 40
---------------------------	---------------------	--------------------------------	-------------------------

Marks Scored



Attempt Summary

Distribution of questions attempted in a total of 1 question(s).




■ Correct	1 Ques	40/40 Marks
-----------	--------	-------------

This shows the correctness of questions attempted by the test taker


Test Log

13th Jul 2023

- 09:08 AM



Started the test with Program
- 09:11 AM



Finished the test

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