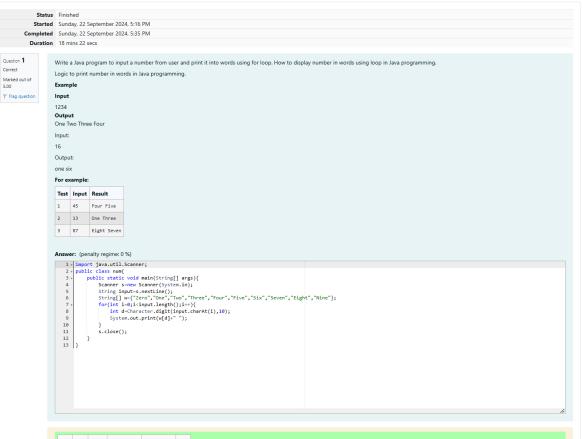
## CS23333-Object Oriented Programming Using Java-2023

Question 1





## ✓ 1 45 Four Five Four Five ✓ ✓ 2 13 One Three One Three ✓ ✓ 3 87 Eight Seven Eight Seven ✓ Passed all tests! ✓

Question 2 F Flag question

You have recently seen a motivational sports movie and want to start exercising regularly. Your coach tells you that it is important to get up early in the morning to exercise. She sets up a schedule for your On weekdays (Monday - Friday), you have to get up at 5:00. On weekends (Saturday & Sunday), you can wake up at 6:00. However, if you are on vacation, then you can get up at 7:00 on weekdays and 9:00 on

Write a program to print the time you should get up.

Input Format

The integer tells you the day it is (1-Sunday, 2-Monday, 3-Tuesday, 4-Wednesday, 5-Thursday, 6-Friday, 7-Saturday). The boolean is true if you are on vacation and false if you're not on vacation.

You have to print the time you should get up. Example Input:

1 false

Output: 6:00

Example Input:

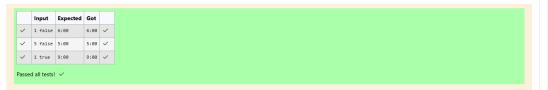
Output:

5:00 Example Input:

Output: 9:00

For example:





Question **3** Correct Marked out of 5.00 ₹ Flag question

Consider the following sequence: 1st term: 1 2nd term: 1 2 1 3rd term: 1 2 1 3 1 2 1

4th term: 1 2 1 3 1 2 1 4 1 2 1 3 1 2 1

And so on. Write a program that takes as parameter an integer n and prints the nth terms of this sequence.

Output:

Example Input:

Output:

121312141213121

## For example:

Input	Result
1	1
2	1 2 1
3	1 2 1 3 1 2 1
4	1 2 1 3 1 2 1 4 1 2 1 3 1 2 1

## Answer: (penalty regime: 0 %)

```
Answer: (penalty regime: 0 %)

1 | import java.util.Scanner;
2 | public class sequence{
3 | public static void main(string[] args){
4 | System.out.print(g(new Scanner(System.in).nextInt()));
5 | }
6 | static string g(int n){
7 | return n==1?"1": g(n-1)+" "+n+" "+g(n-1);
8 | }
9 | }
```

```
Input Expected
       Got
```

Passed all tests! 🗸