#### Q1. Given a two integer numbers return their product and  if the product is greater than 1000, then return their sum

#### Q2. Given a string, display only those characters which are present at an even index number.

#### Q3. Given a list of numbers, return True if first and last number of a list is same

#### Q4. Print the following pattern

1

2 2

3 3 3

4 4 4 4

5 5 5 5 5

#### Q5. Given a two list of numbers create a new list such that new list should contain only odd numbers from the first list and even numbers from the second list

#### Q6. Given a list iterate it and display numbers which are divisible by 5 and if you find number greater than 150 stop the loop iteration

#### Q7. Display Fibonacci series up to 10 terms

#### Q8. Write a function cal() such that it can accept two variables and calculate the addition and subtraction of it. And also it must return both addition and subtraction in a single return call

#### Q9. Create a function employ() in such a way that it should accept employee name, and it’s salary and display both, and if the salary is missing in function call it should show it as 9000

#### Q10. we have to perform addition on a list [7 , 4 , 2 , 9] and after addition it should give 7429.

#### Q11. *Check if the number is even or not*

#### *Q12. Check if the number is prime or not using function*

#### *Q13. Find the Hcf of two numbers using function*

#### *Q14. Check for the given string is palindrome or not “malyalam”*

#### *Q15. Print all the even numbers before 1*

#### *[3 , 2 , 6 , 7, 8, 44, 66, 234, 244, 1 , 65, 78 , 22, 12]*