Date : 13-08-2021

Session : Introduction of JavaScript.

Task given :

A set of 24 basic programs has to be completed.

My Task :

10.00 - 11.30 = Session

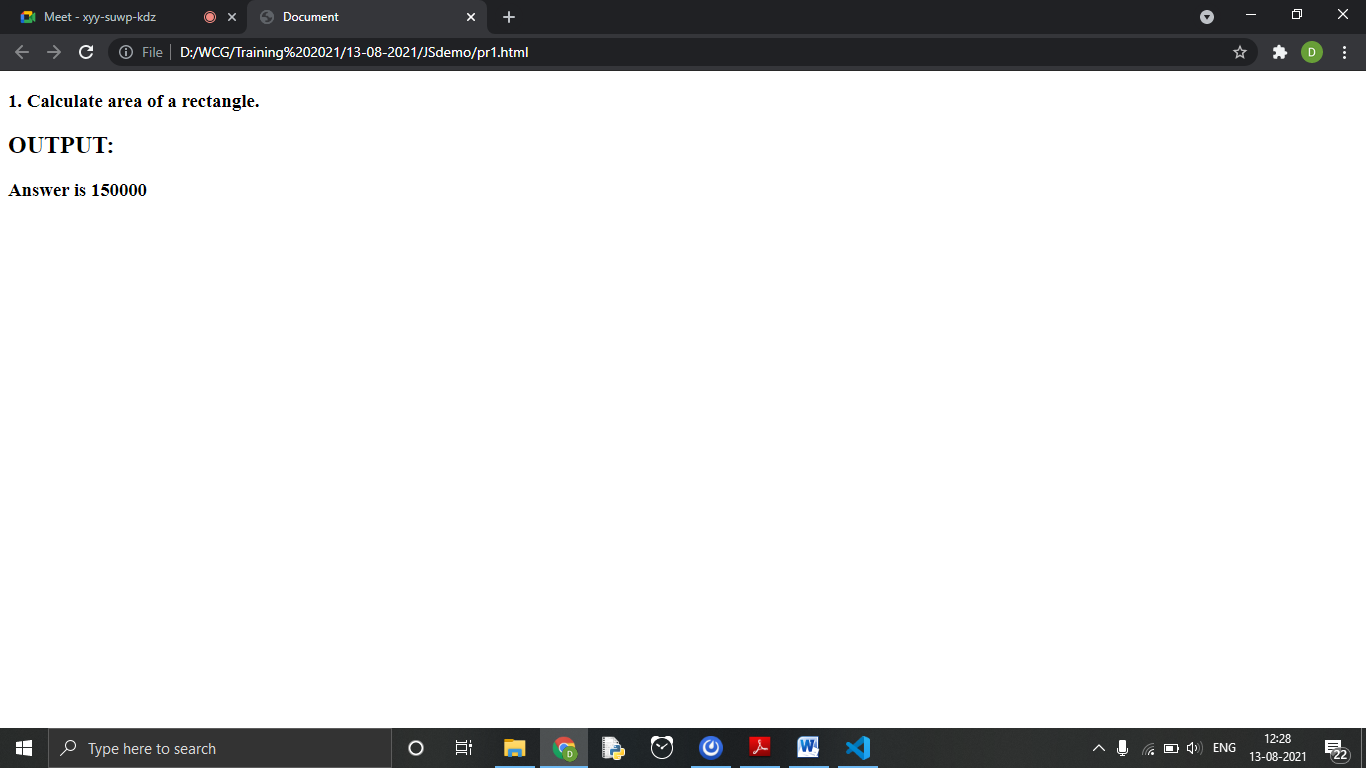
11.30 – 1.20 = Programming JS programs.

2.15 – 4.00 = Programming JS programs.

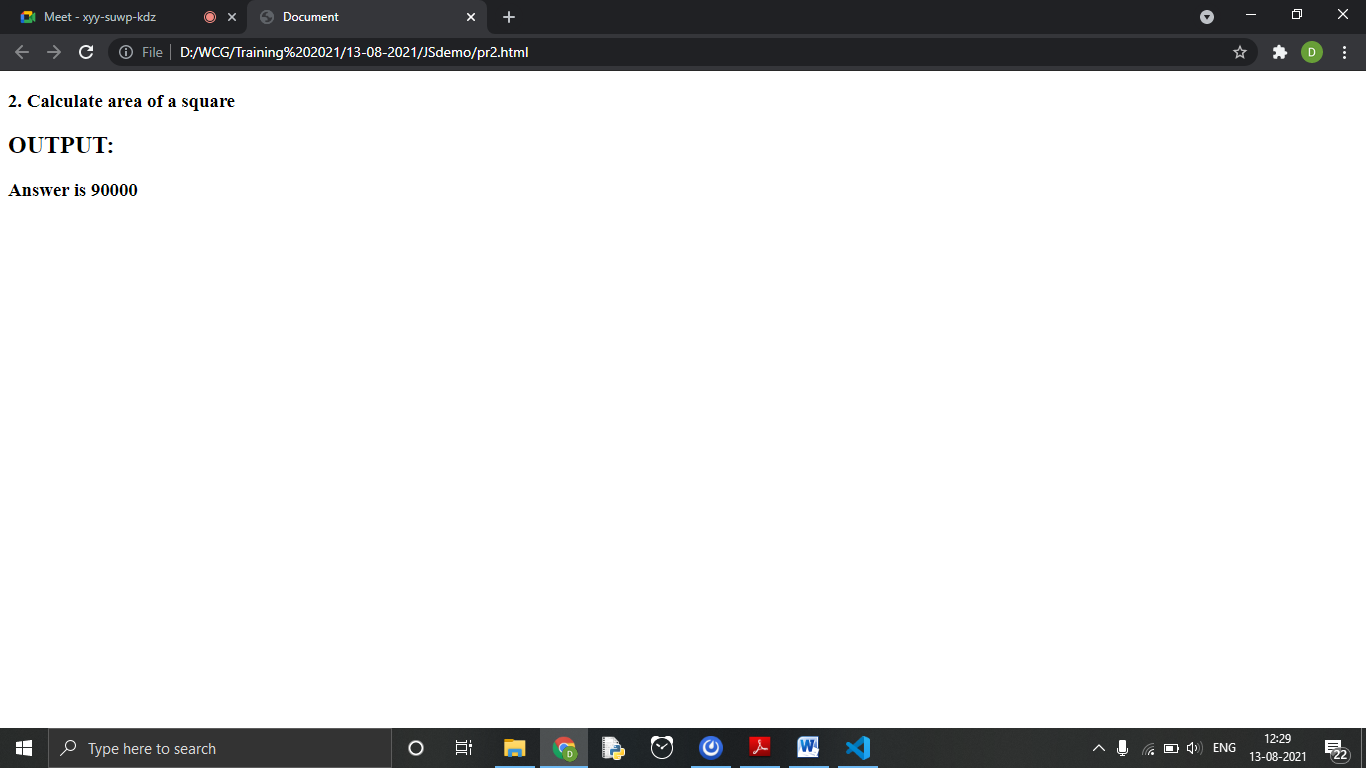
4.00 – 7.00 = Hackerrank.

OUTPUT :

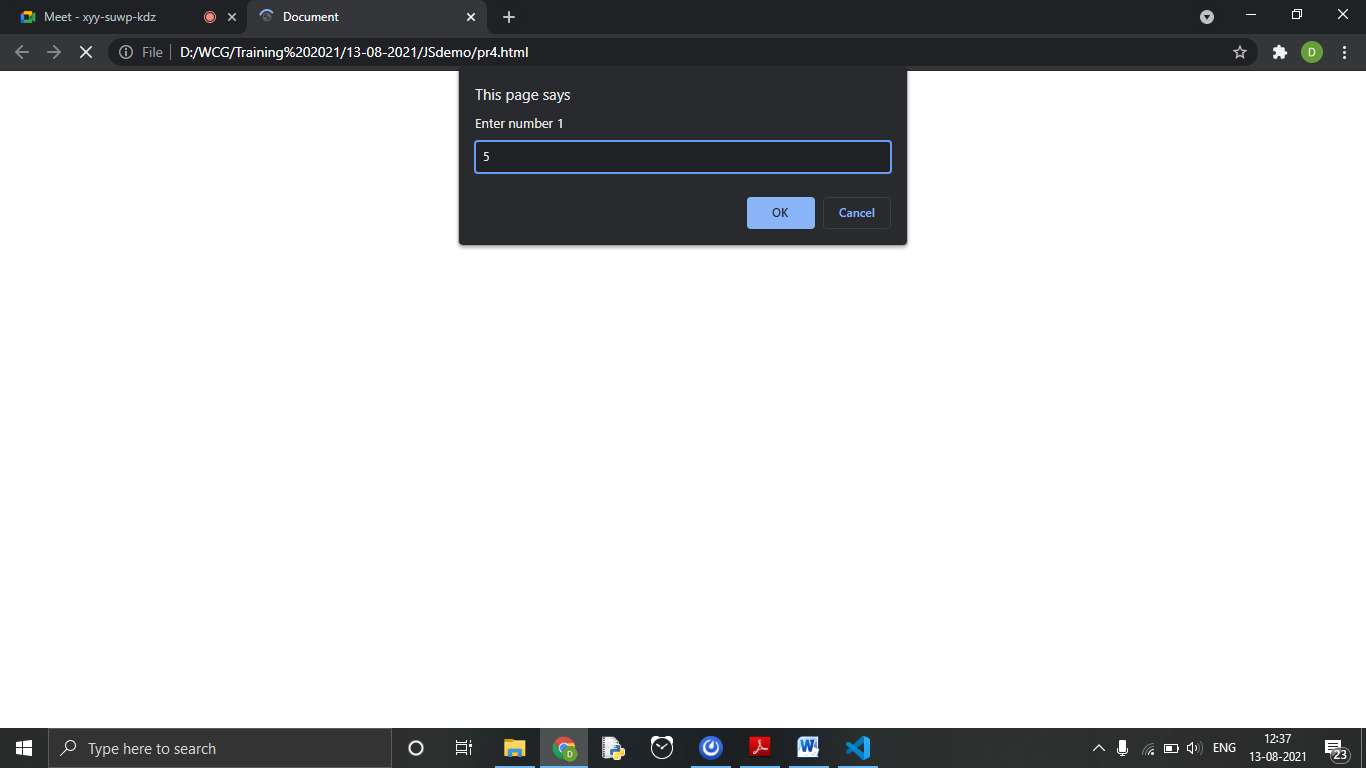
1. Calculate area of a rectangle.

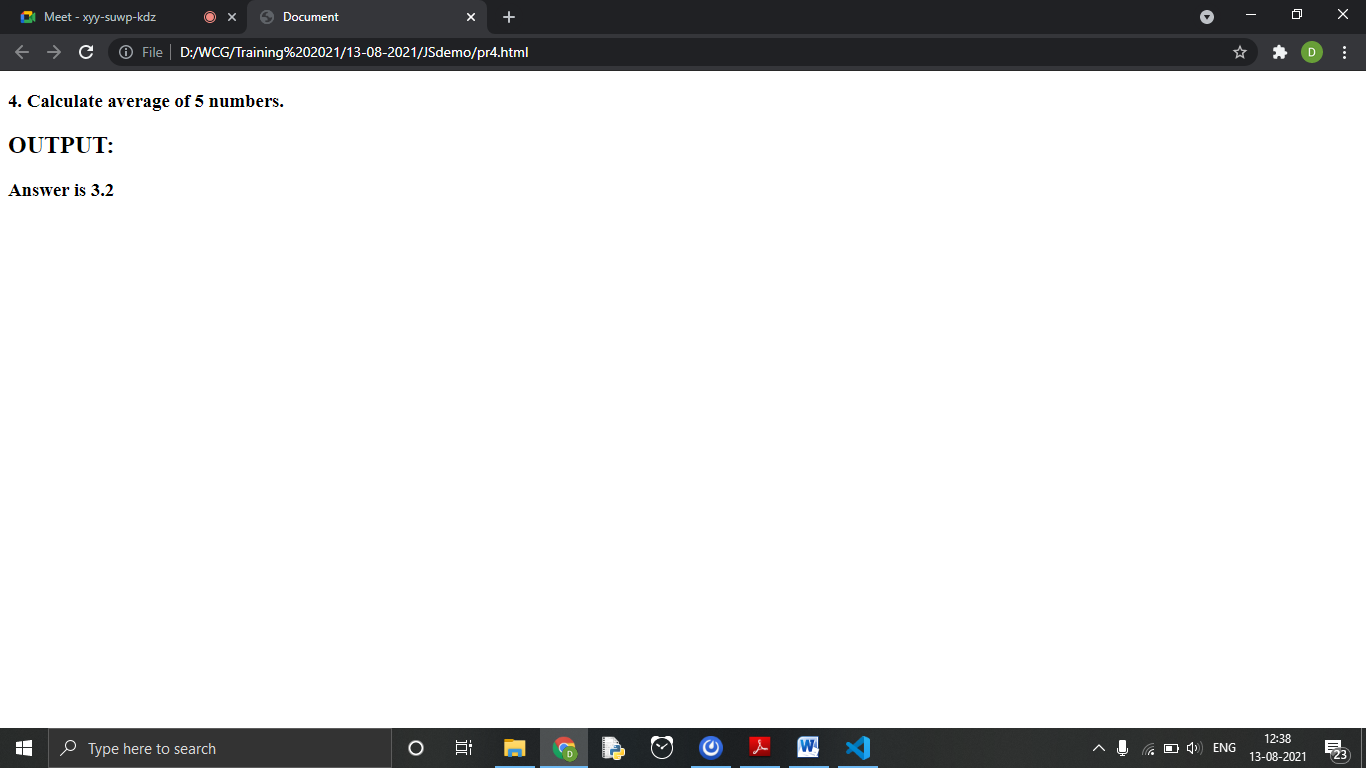


1. Calculate area of a square.

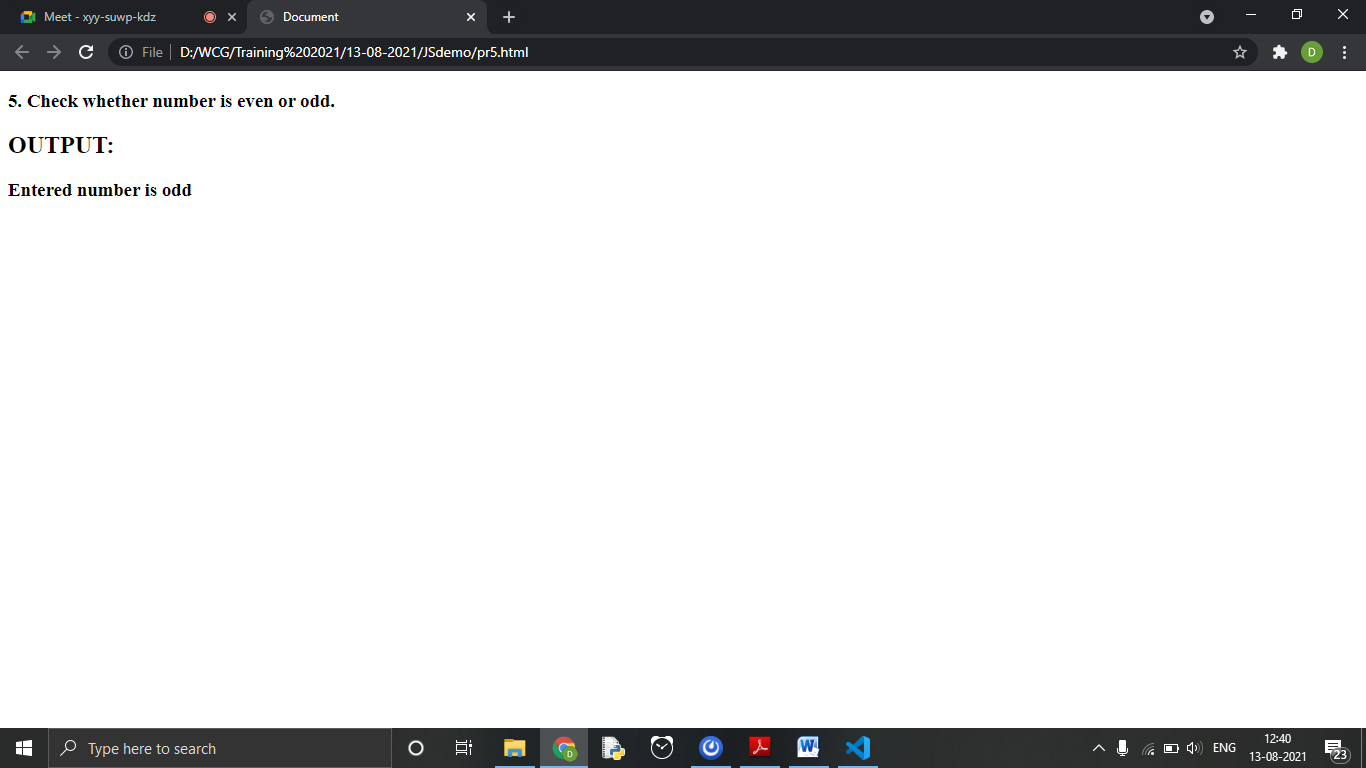
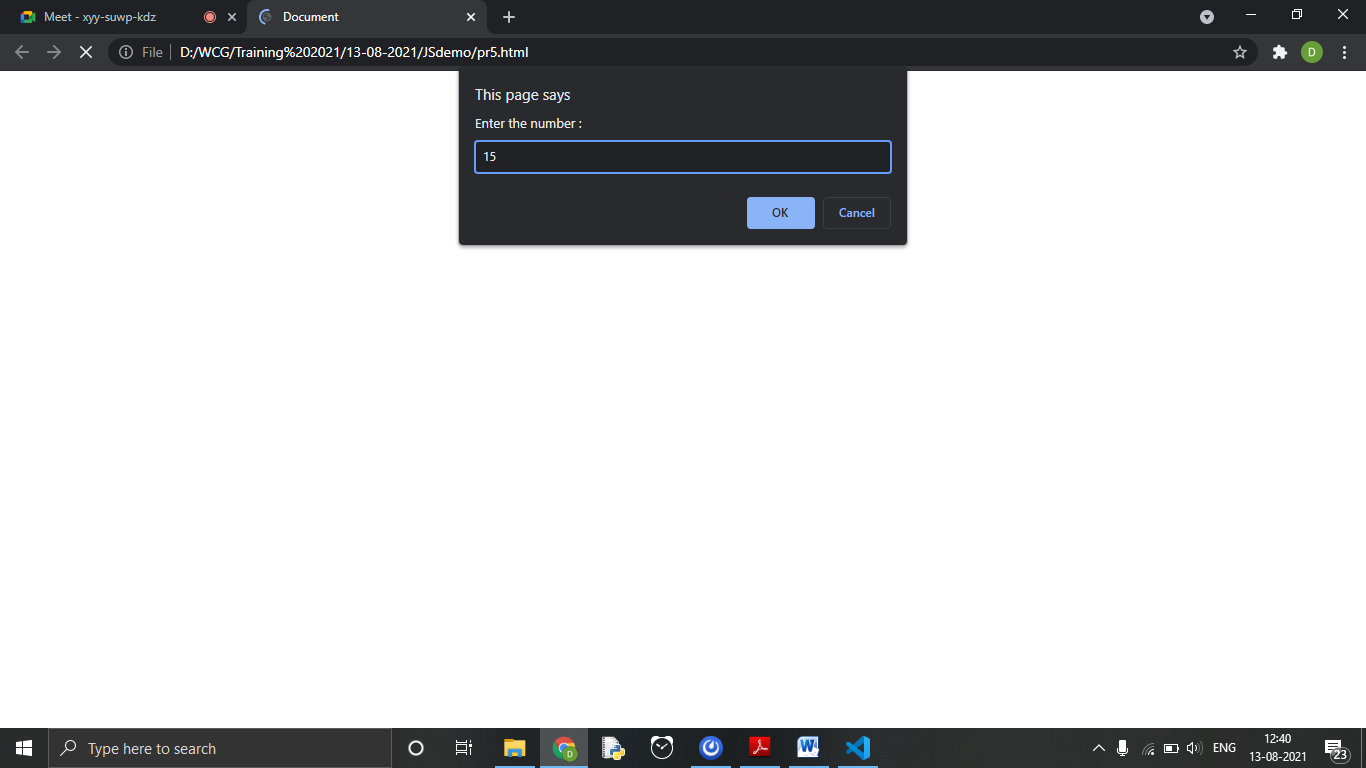


1. Calculate area of a circle.

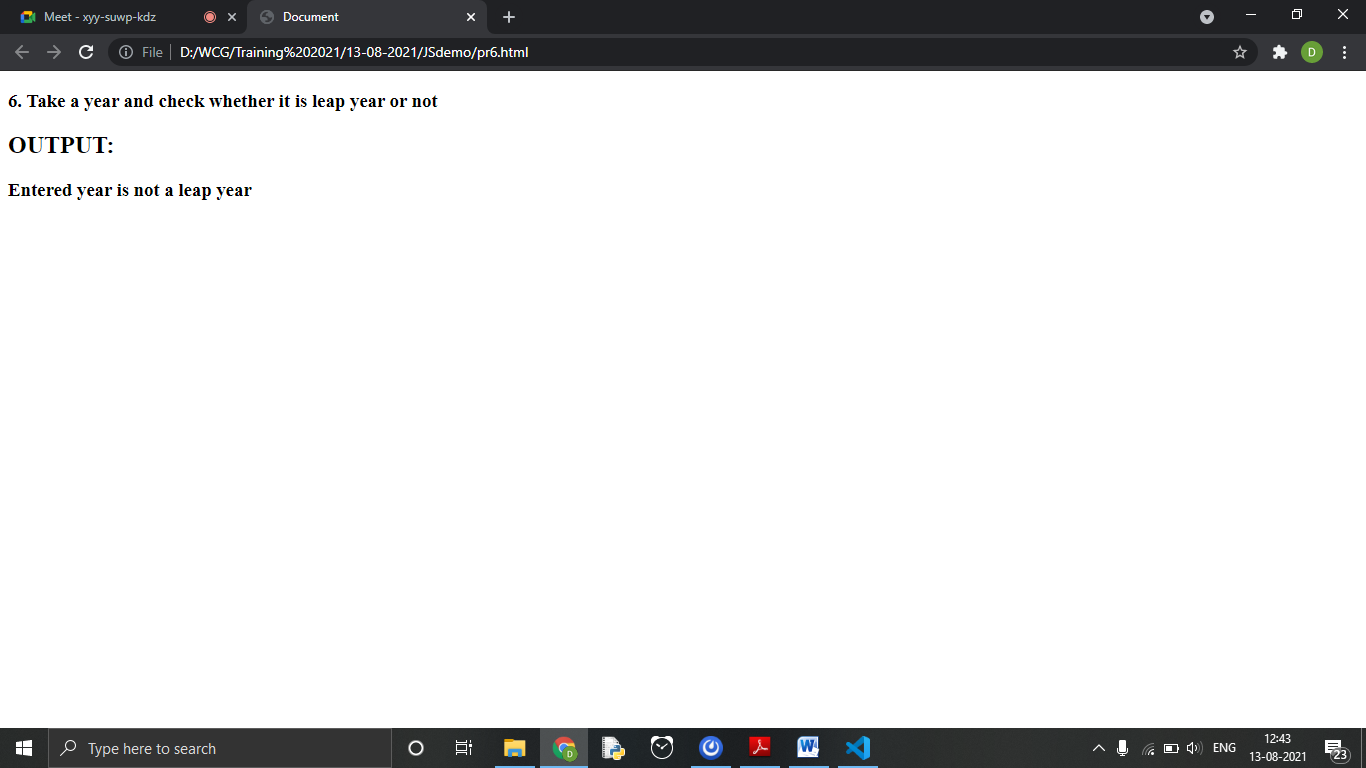
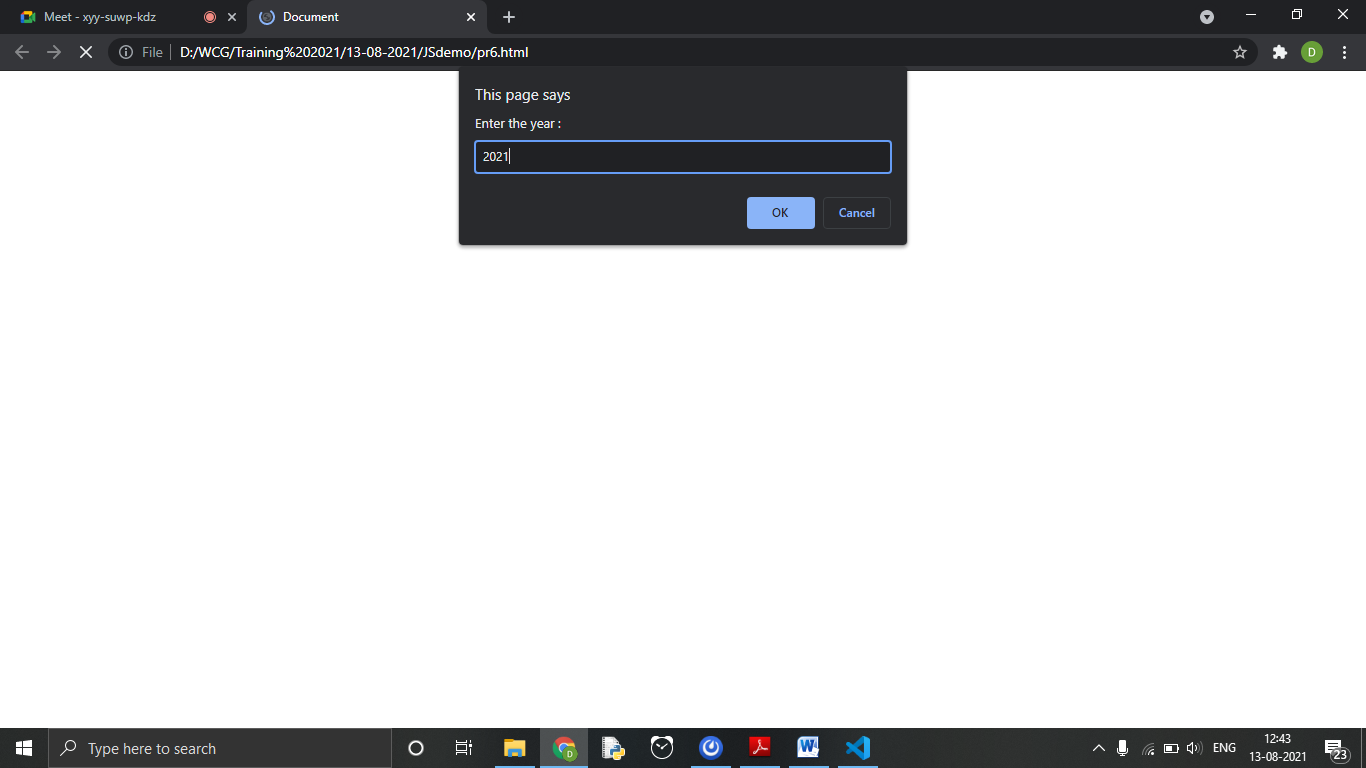




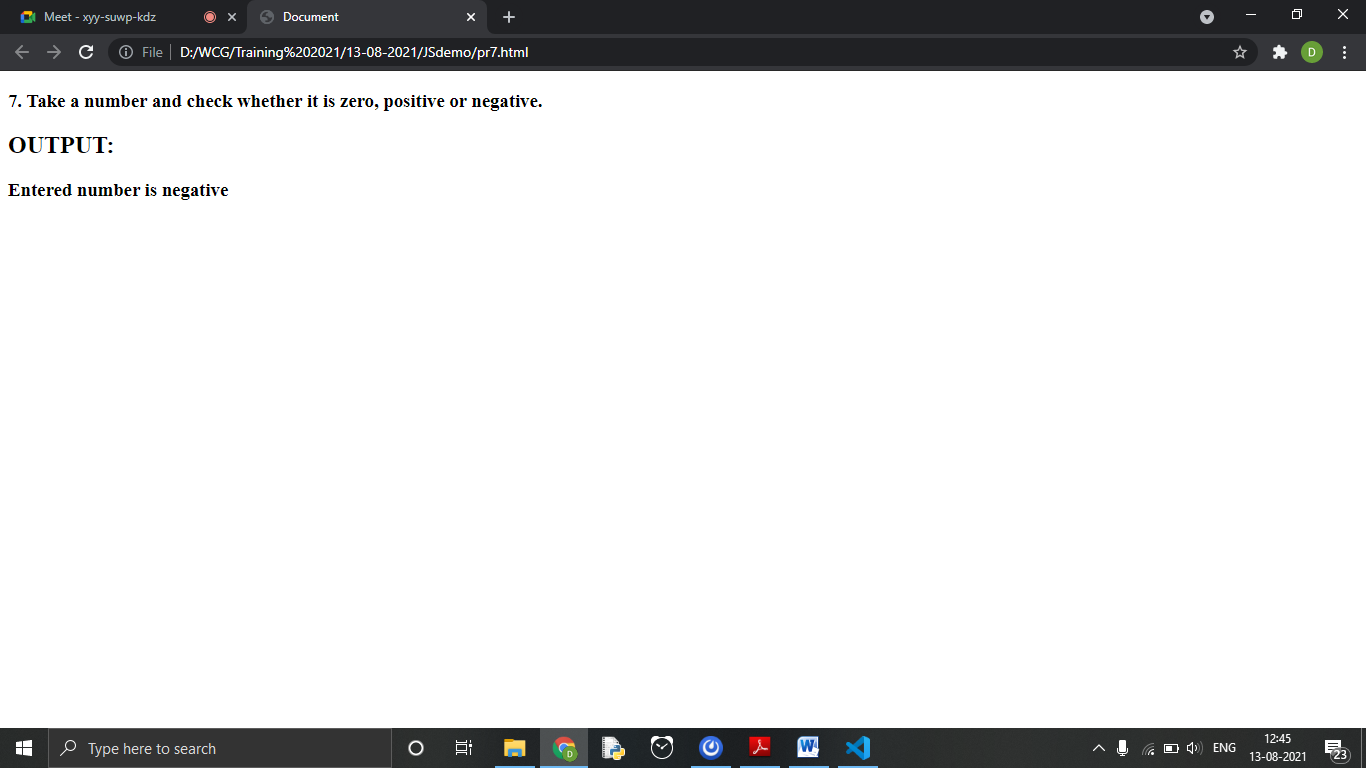
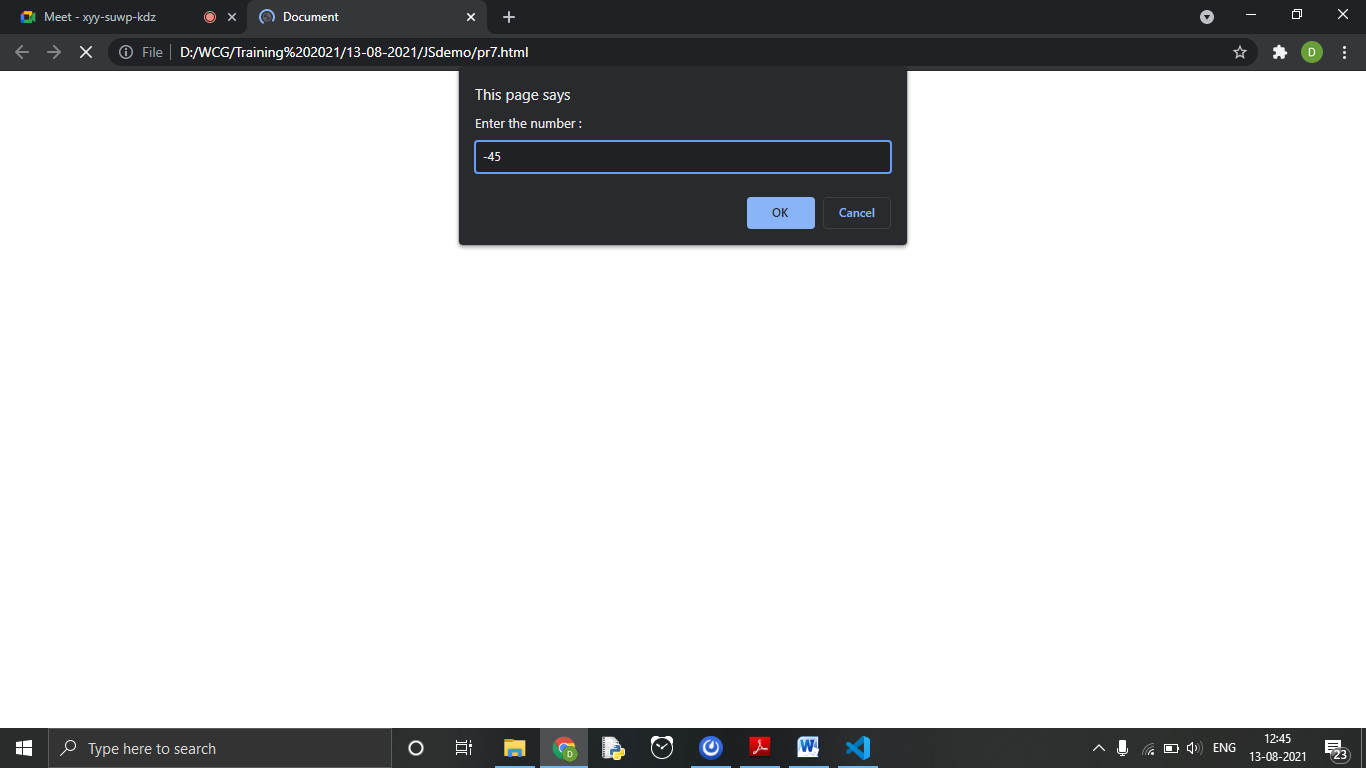
1. Check whether number is even or odd.



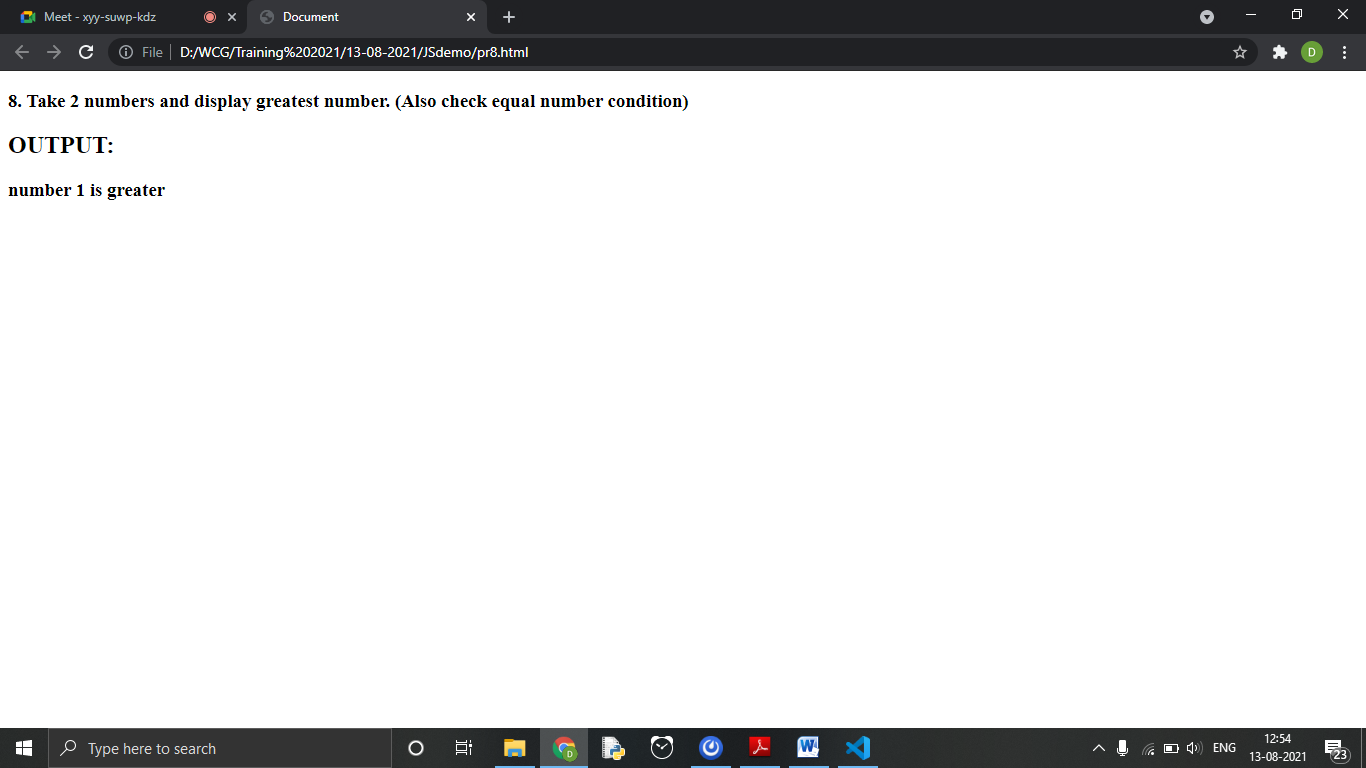
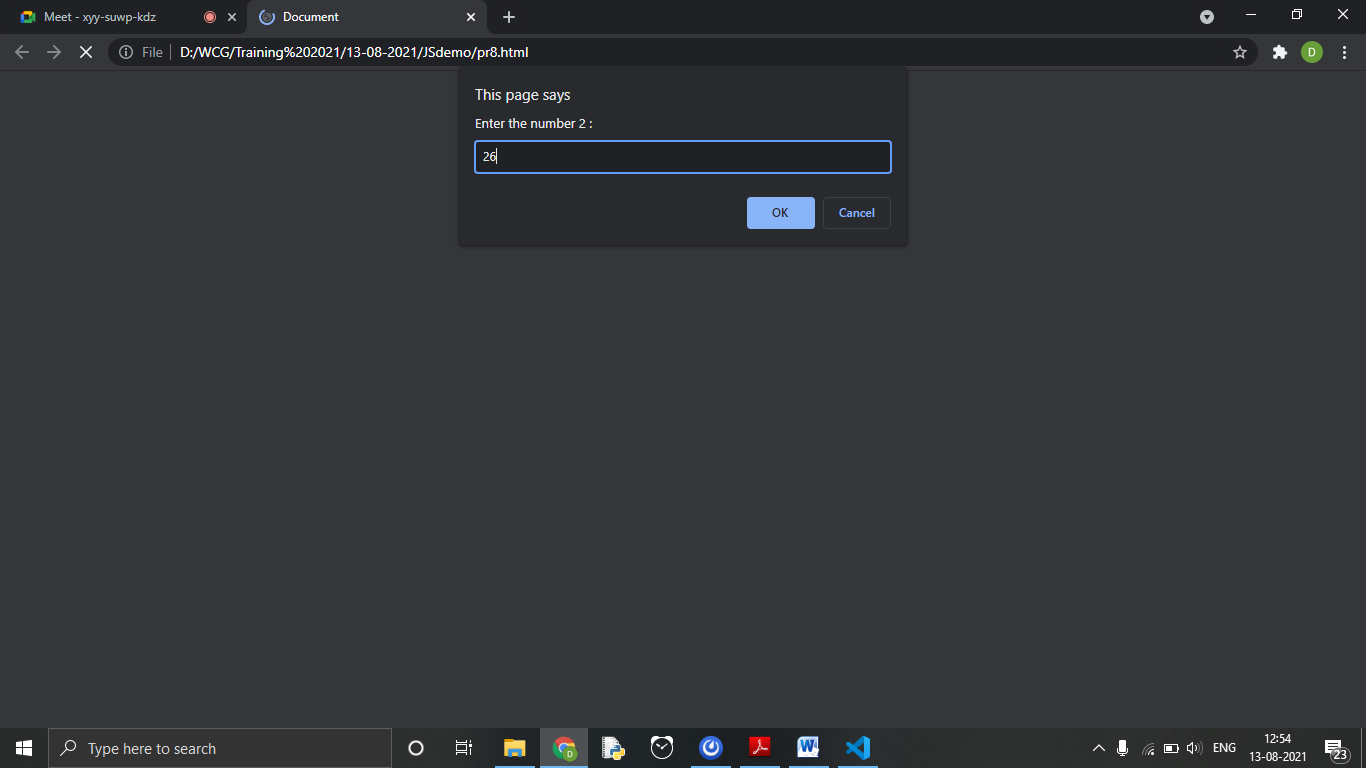
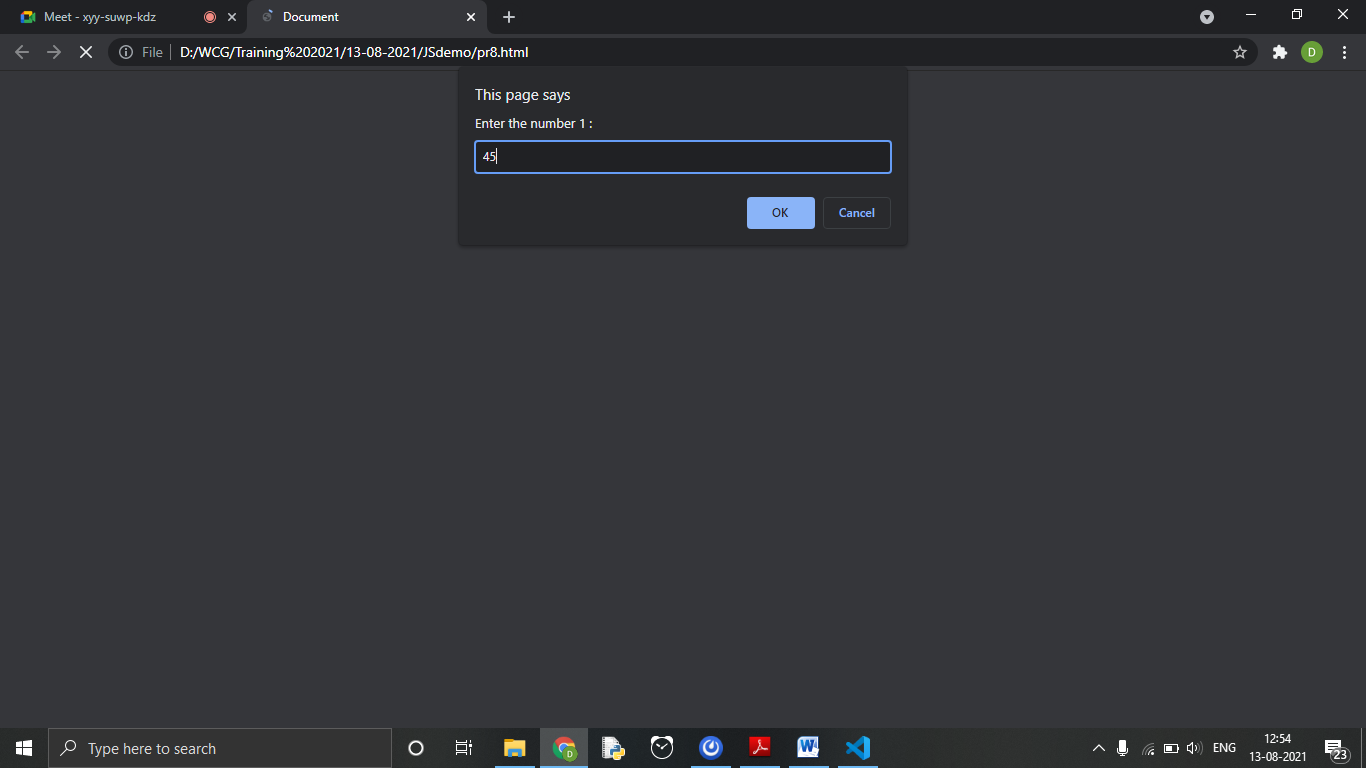
1. Take a year and check whether it is leap year or not.



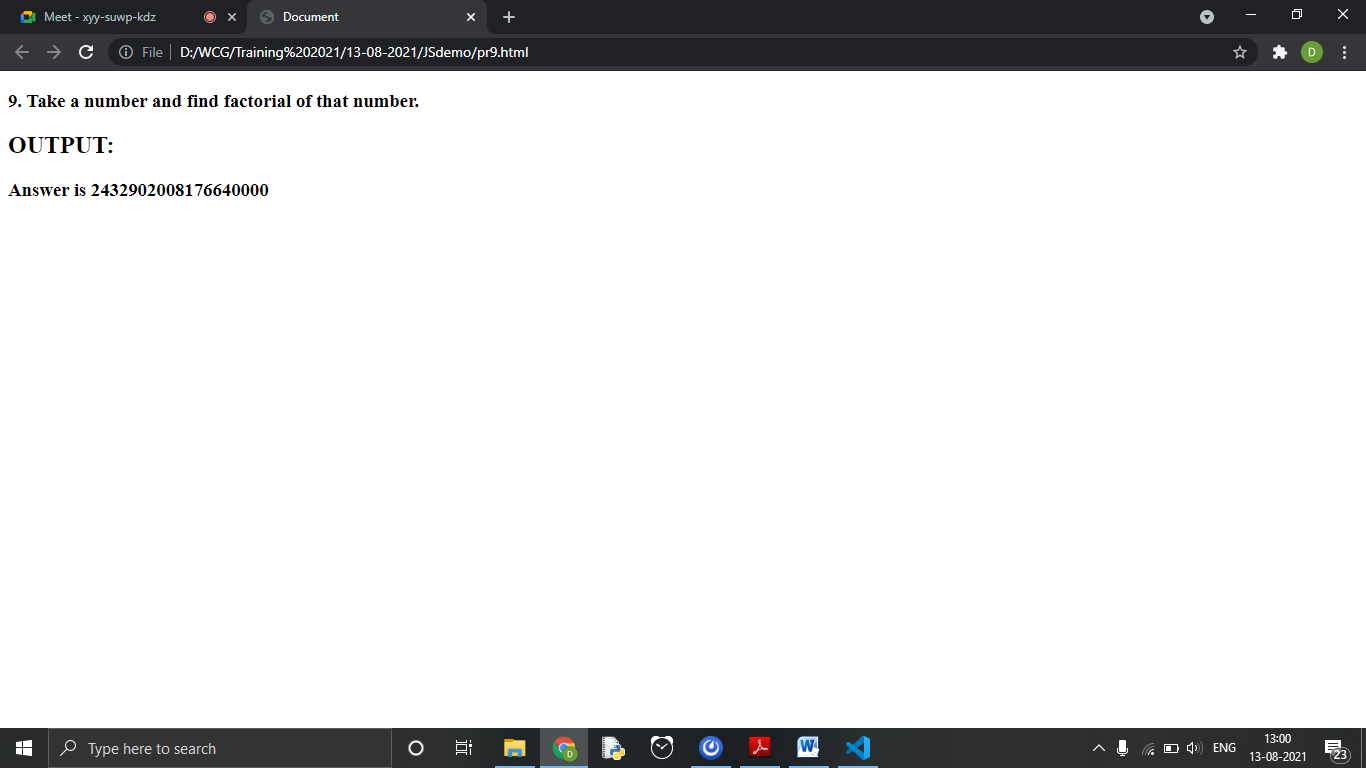
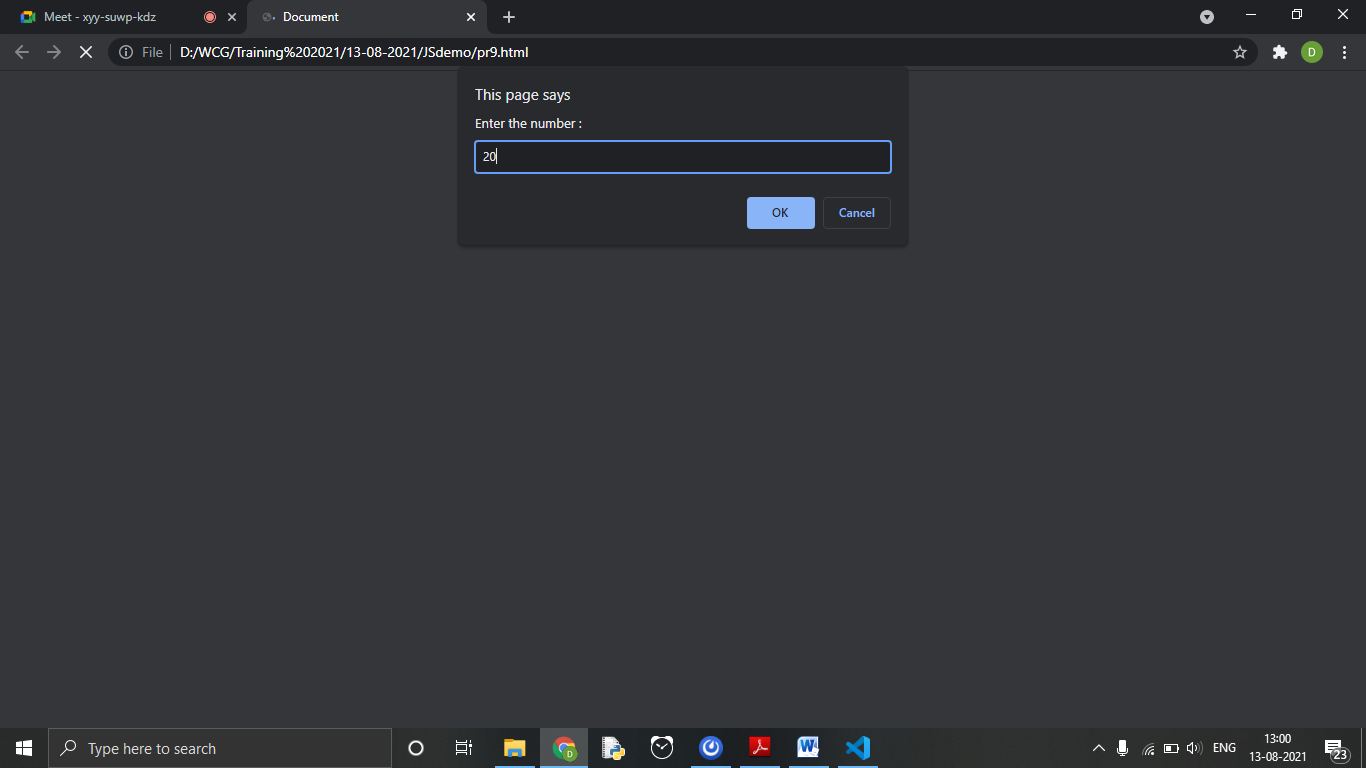
1. Take a number and check whether it is zero, positive or negative.



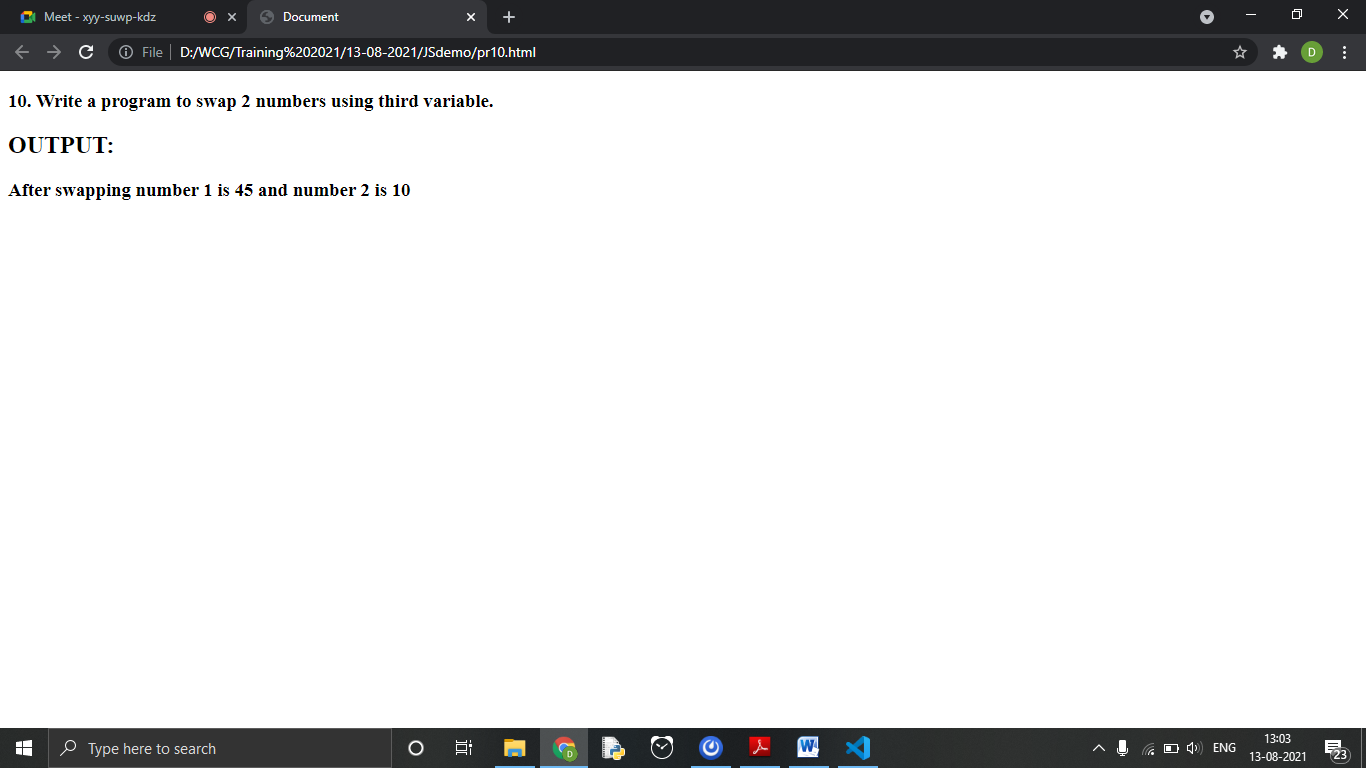
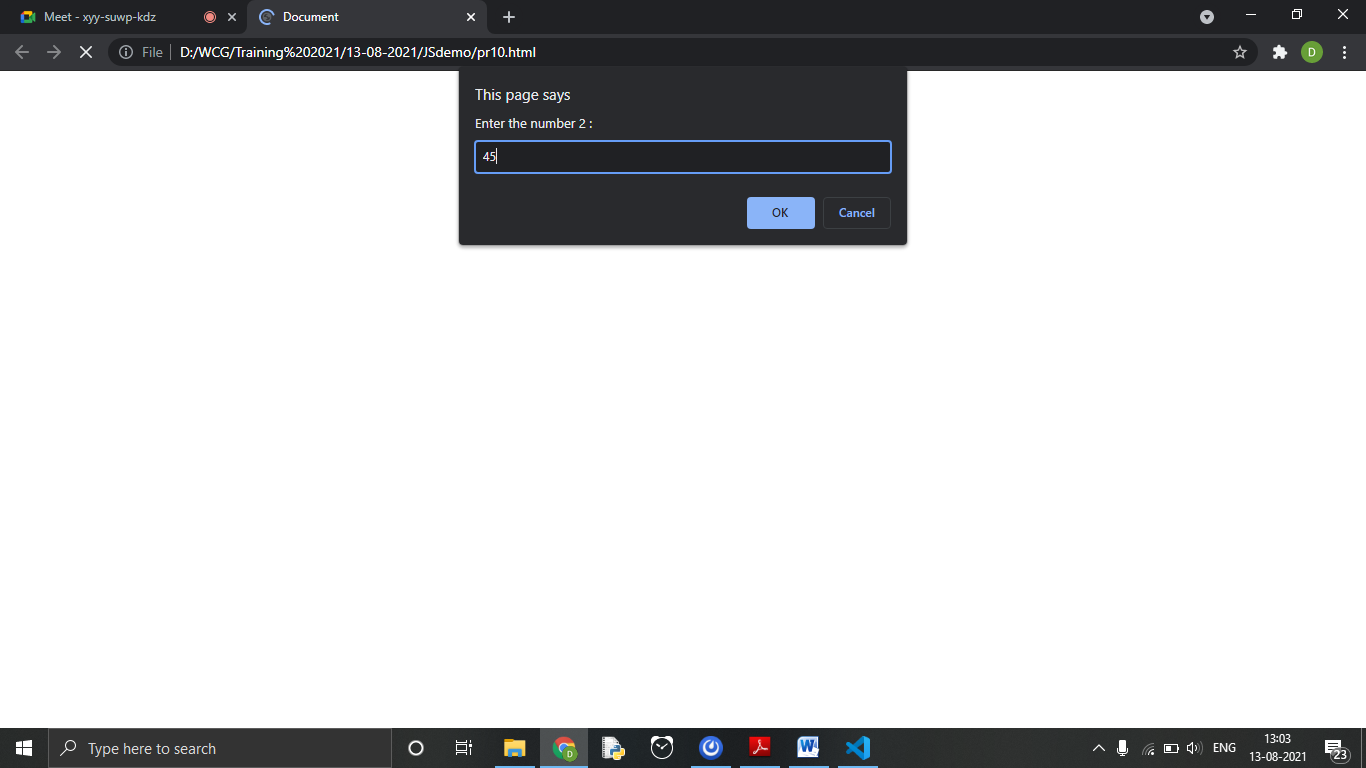
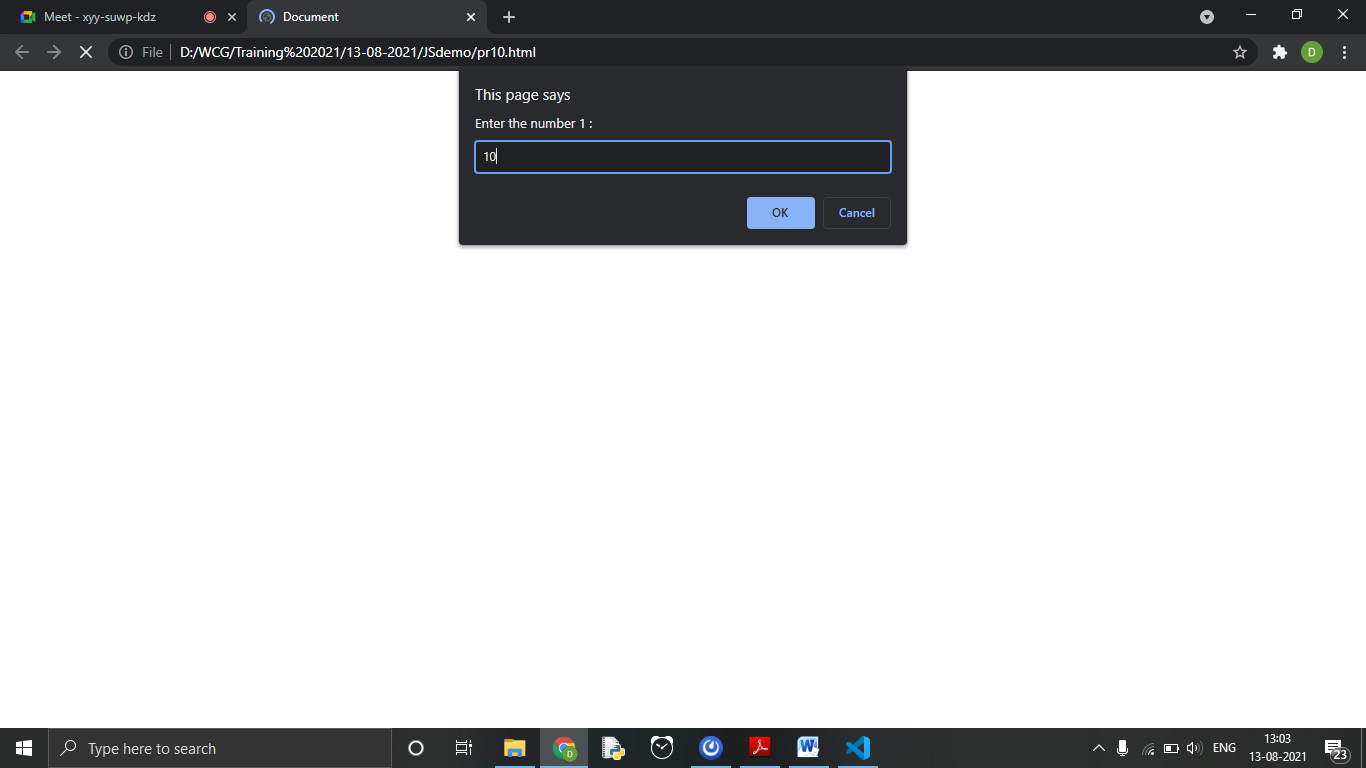
1. Take 2 numbers and display greatest number. (Also check equal number condition)



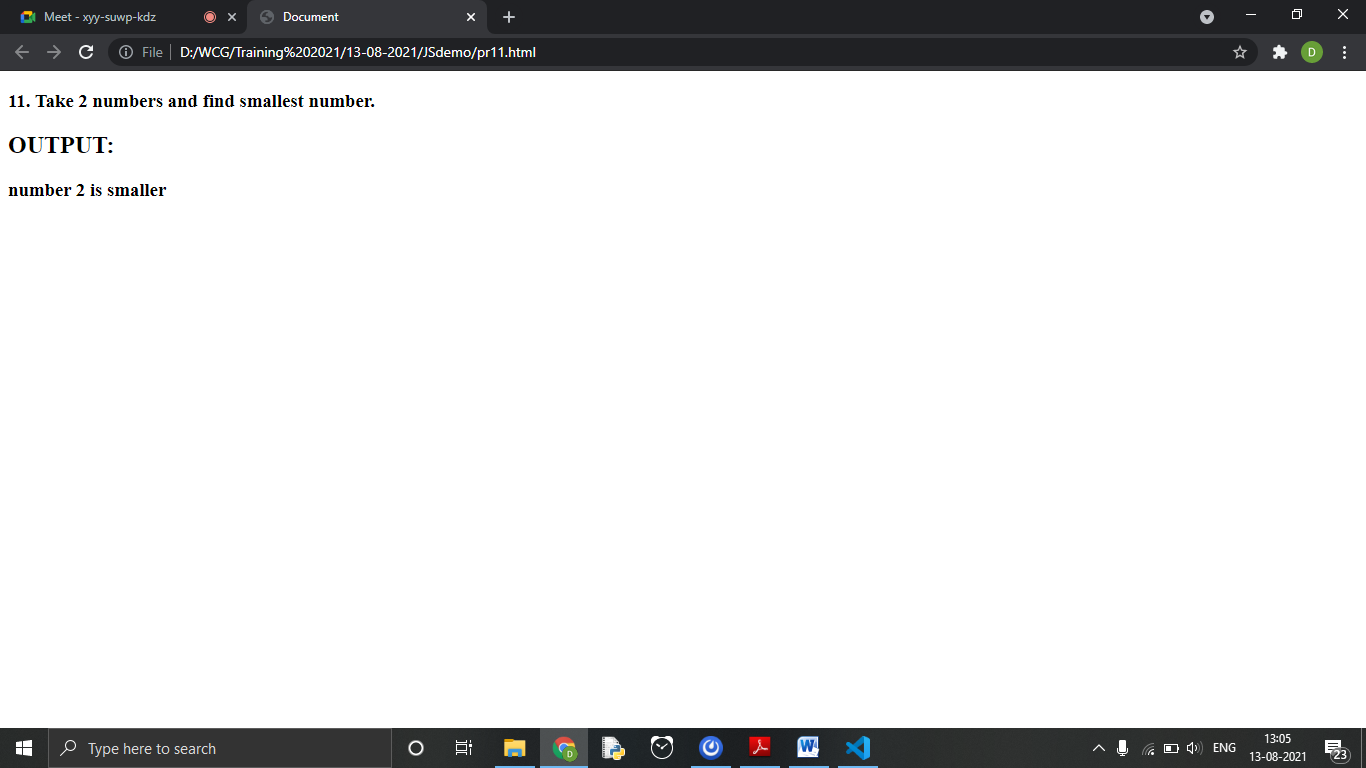
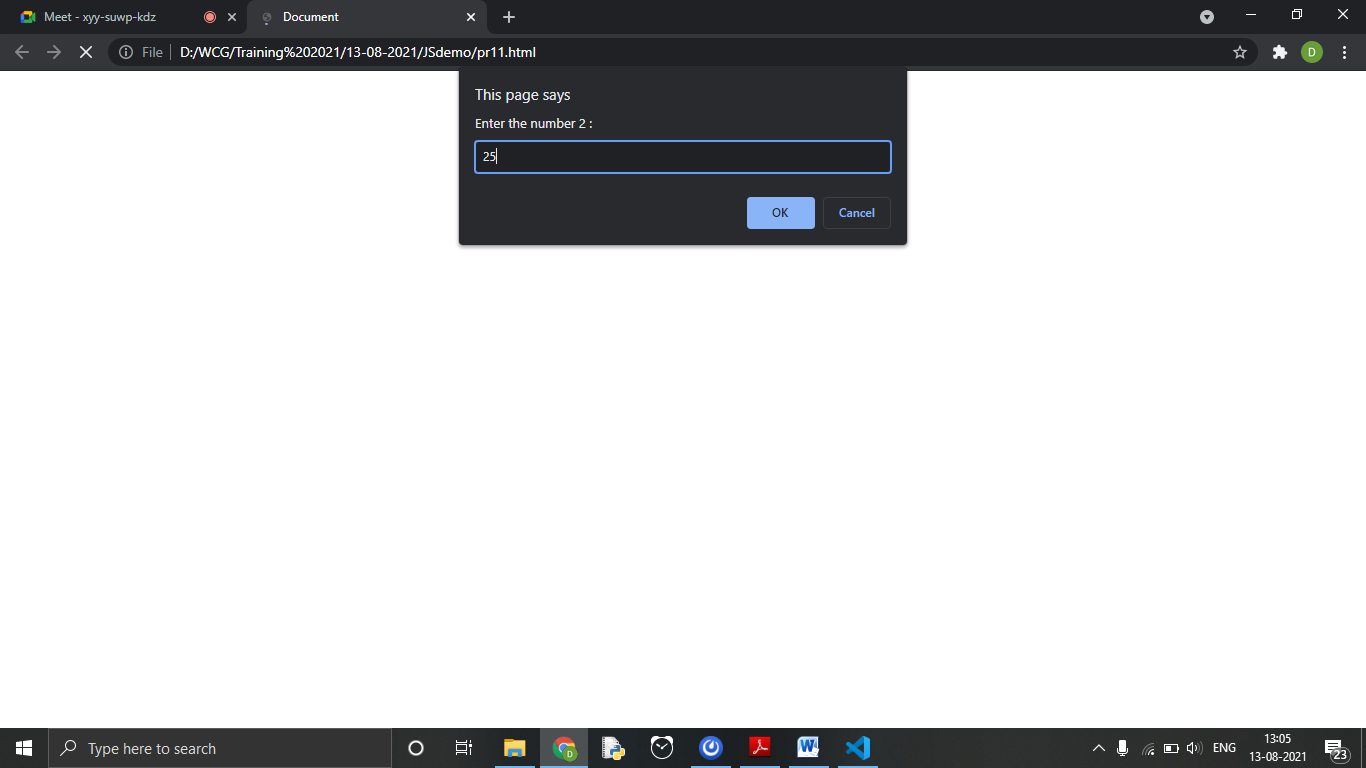
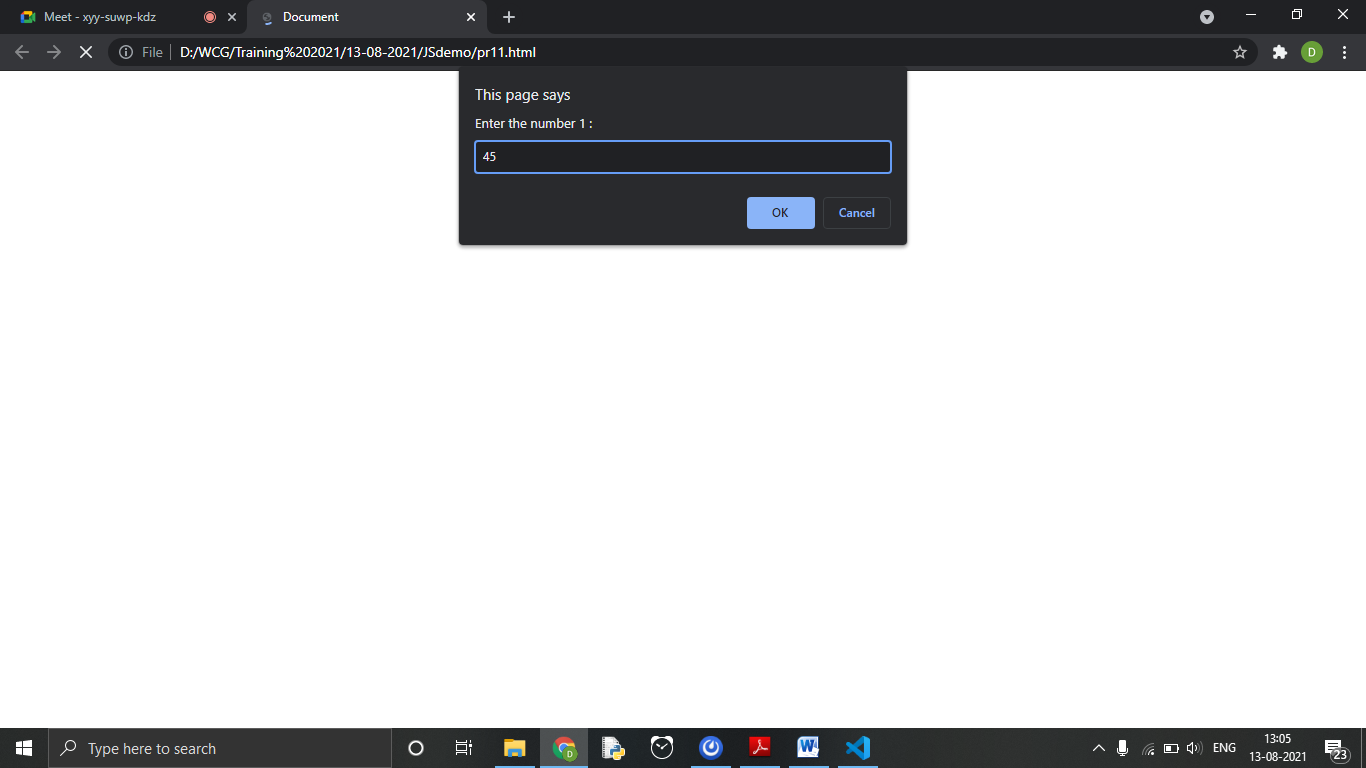
1. Take a number and find factorial of that number.



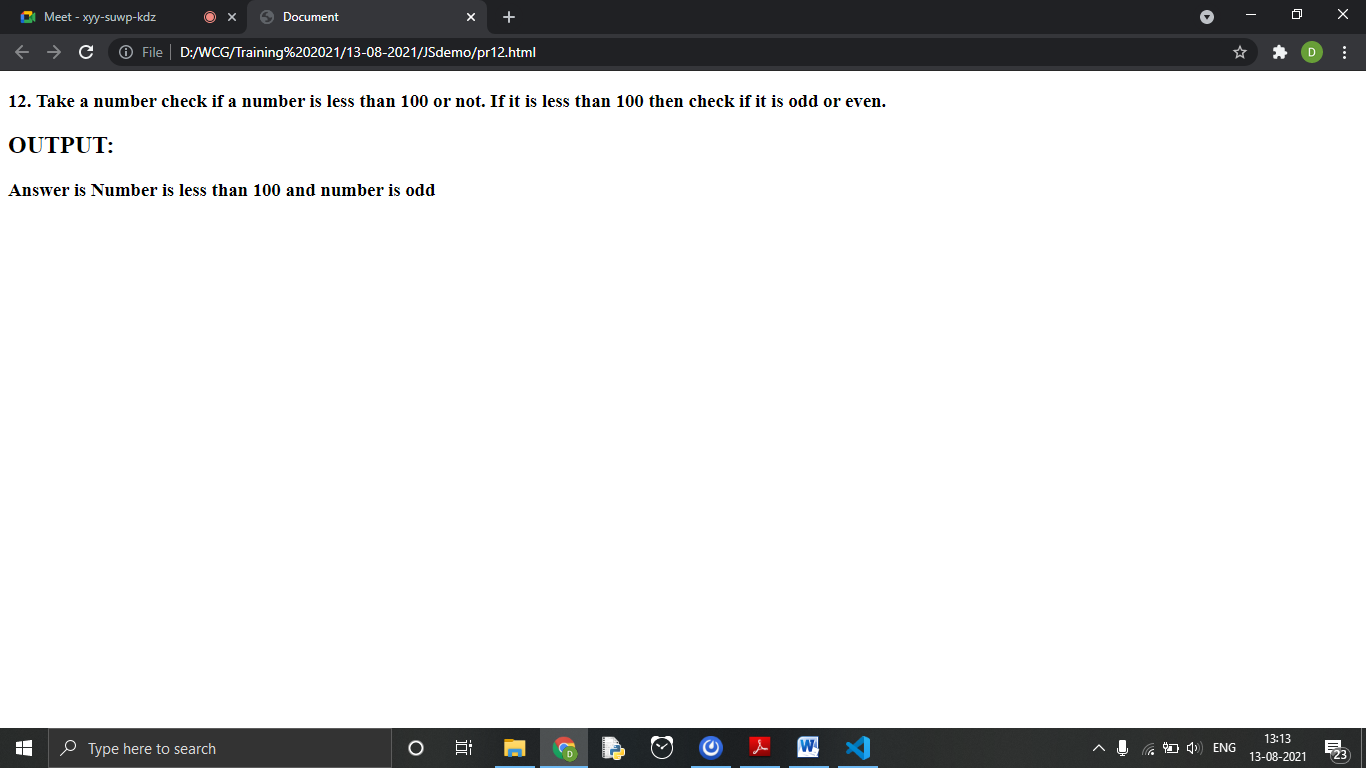
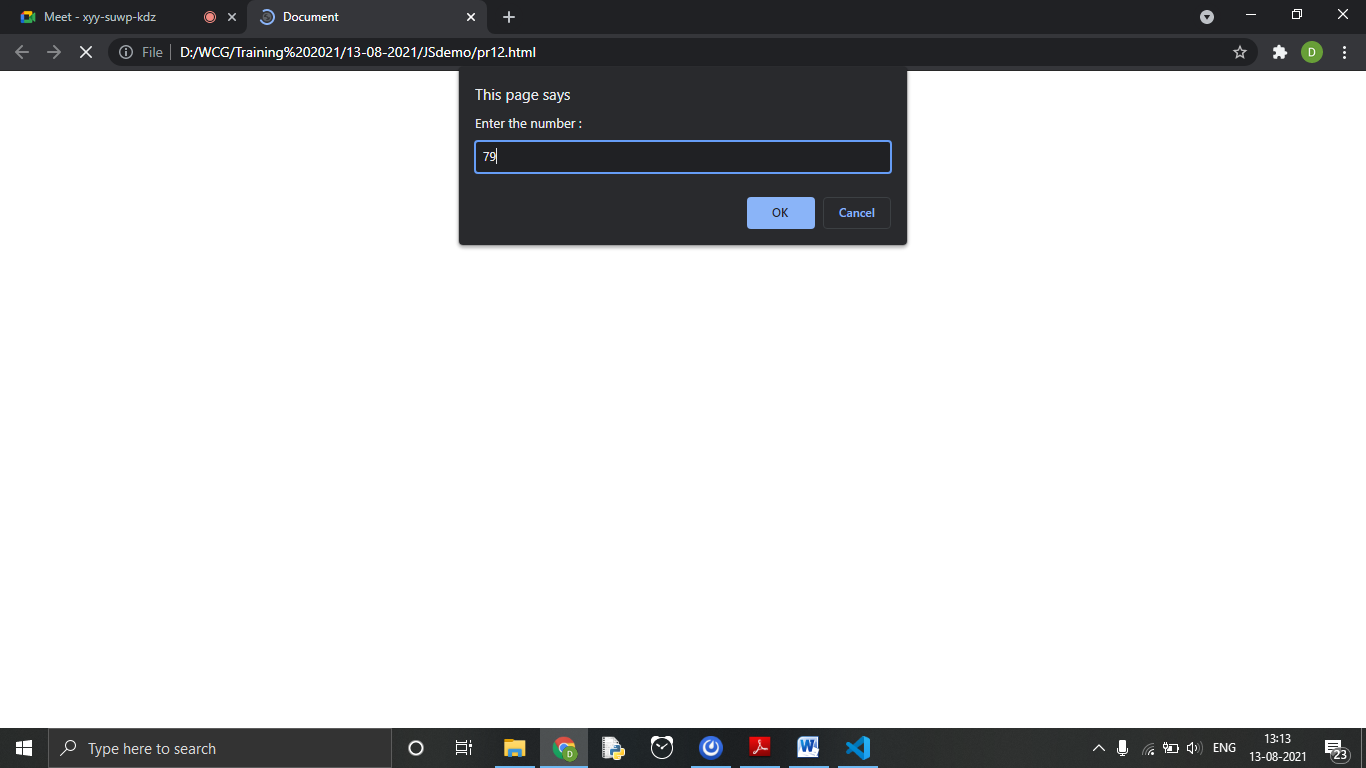
1. Write a program to swap 2 numbers using third variable



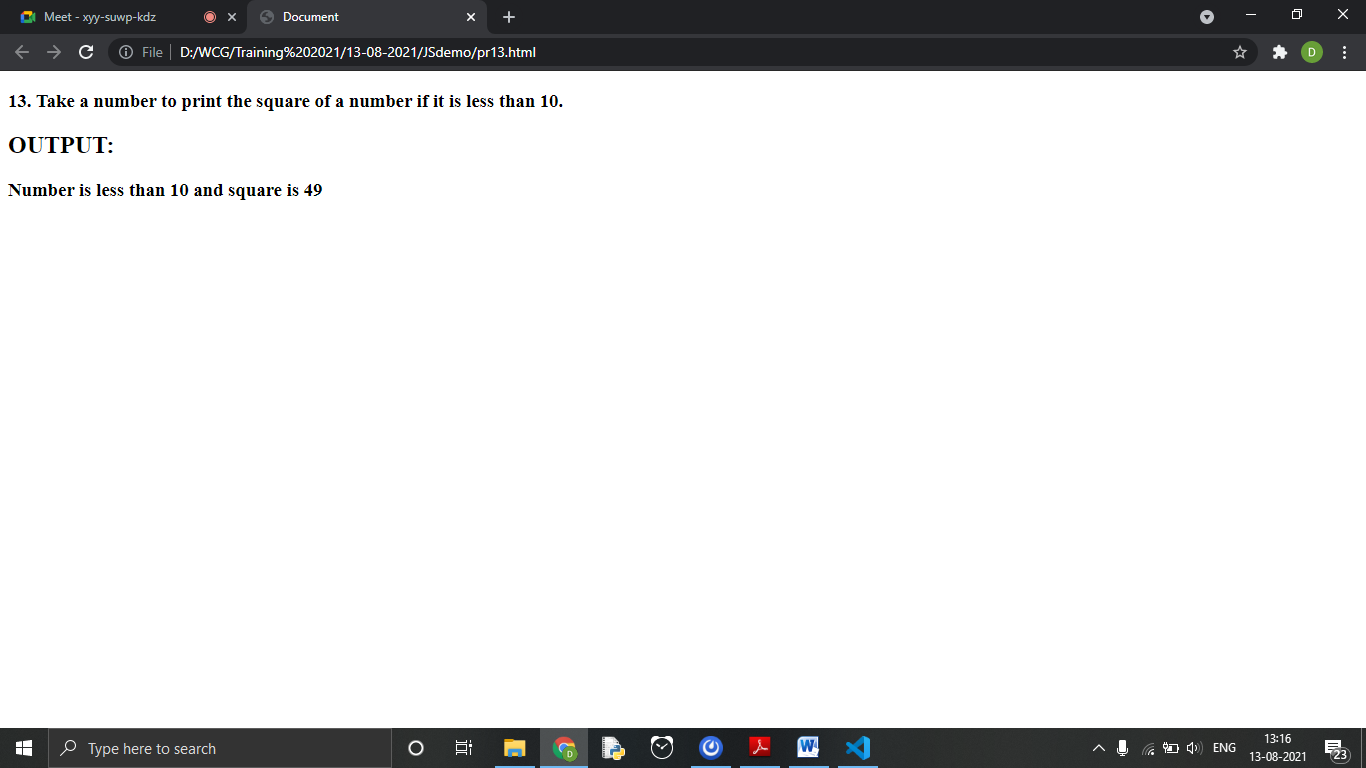
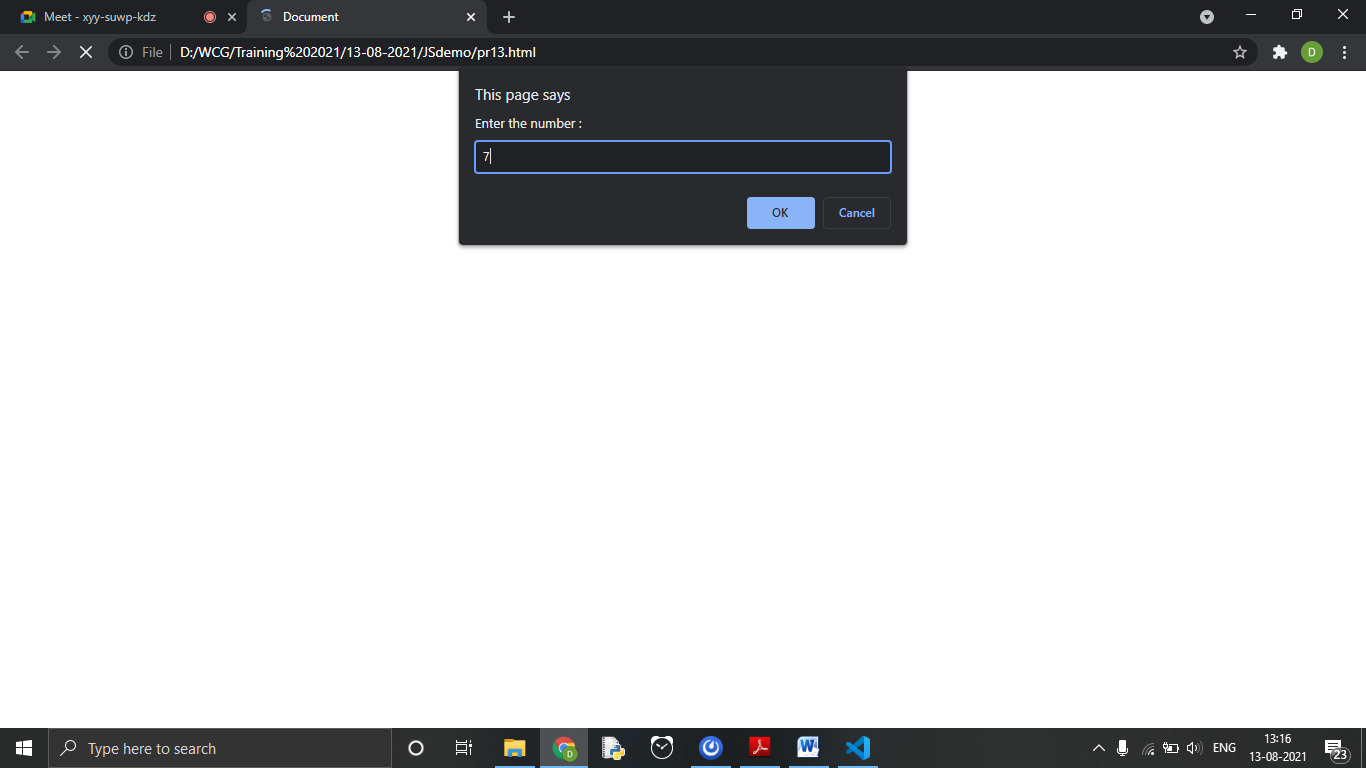
1. Take 2 numbers and find smallest number.



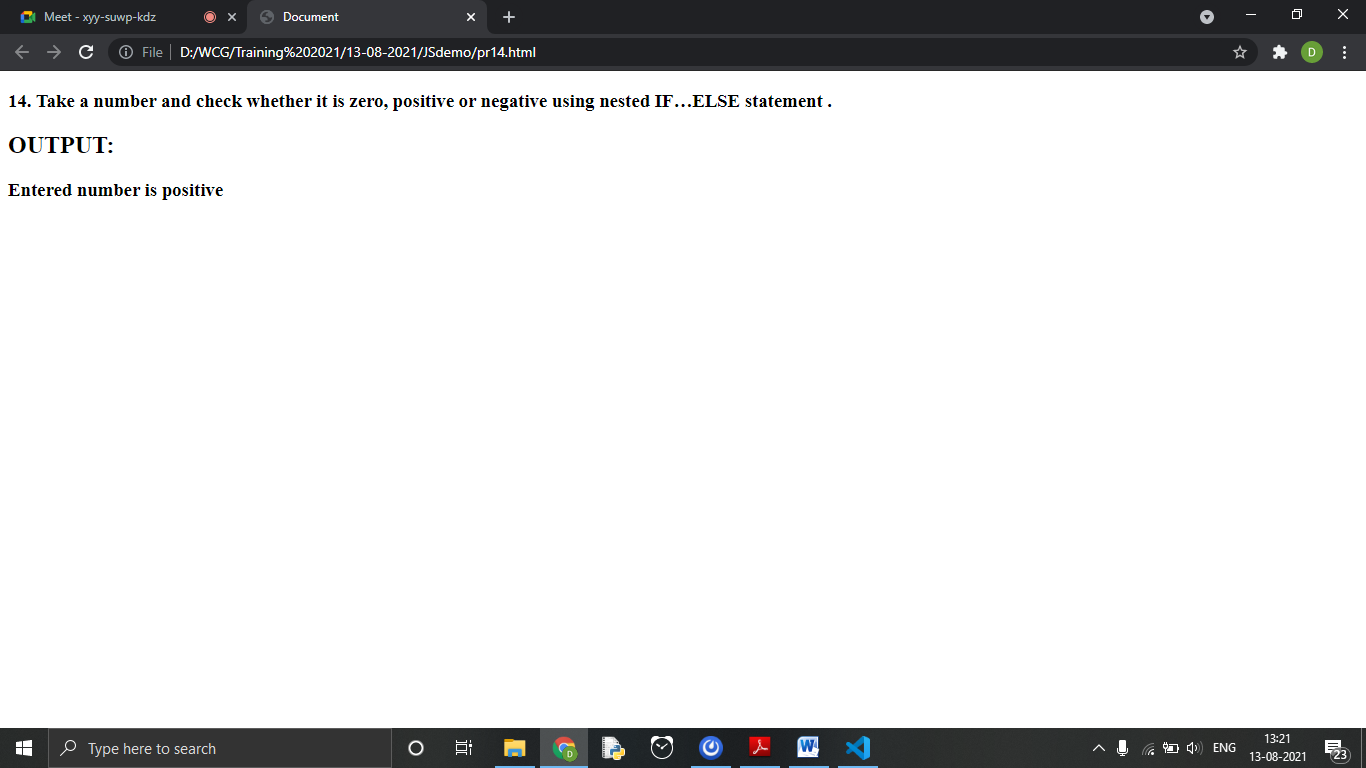
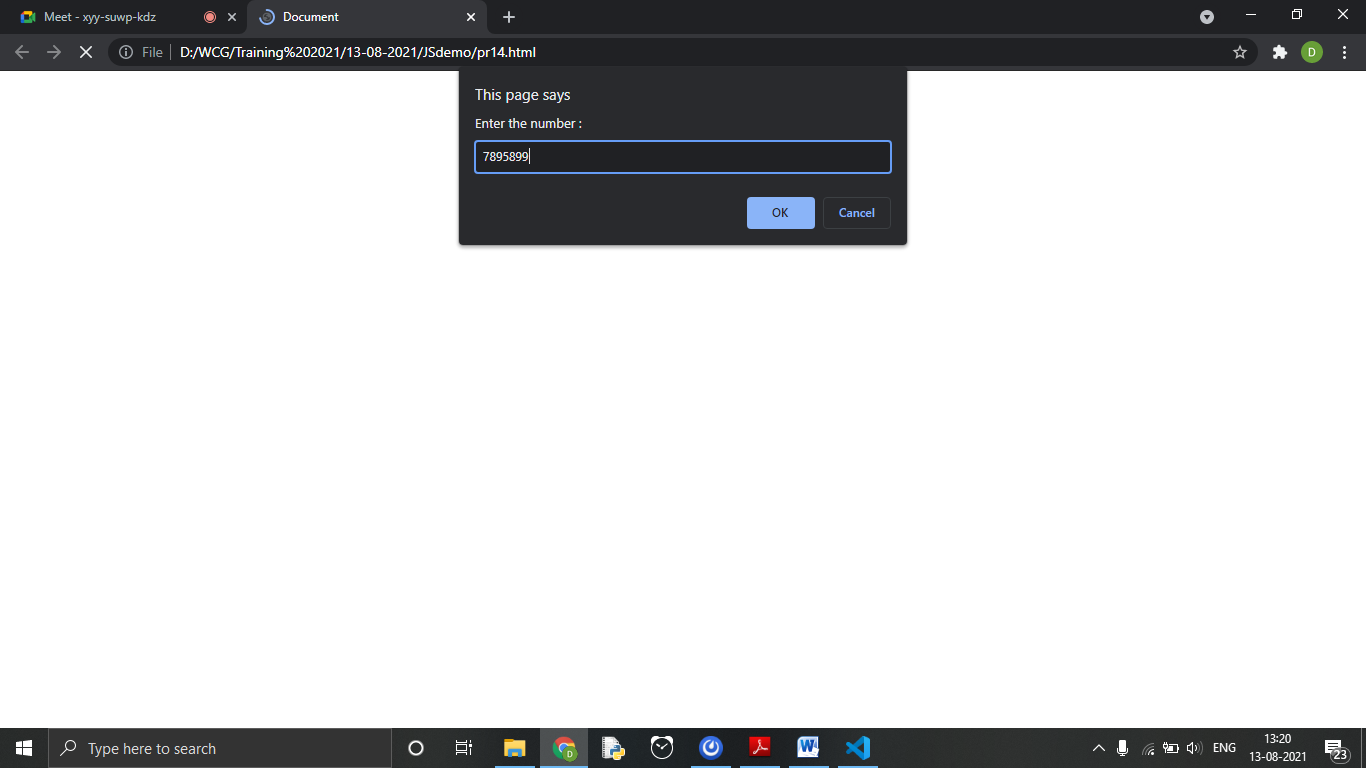
1. Take a number check if a number is less than 100 or not. If it is less than 100 then check if it is odd or even.



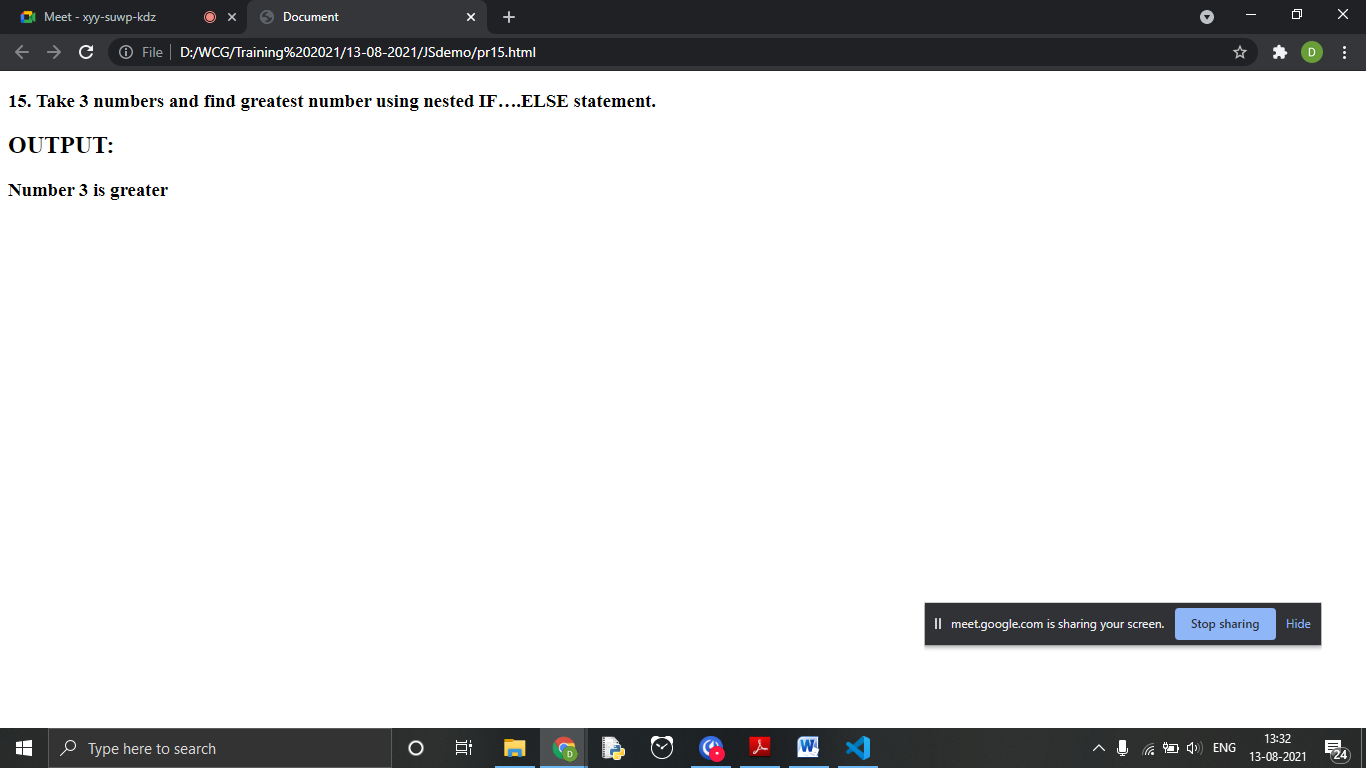
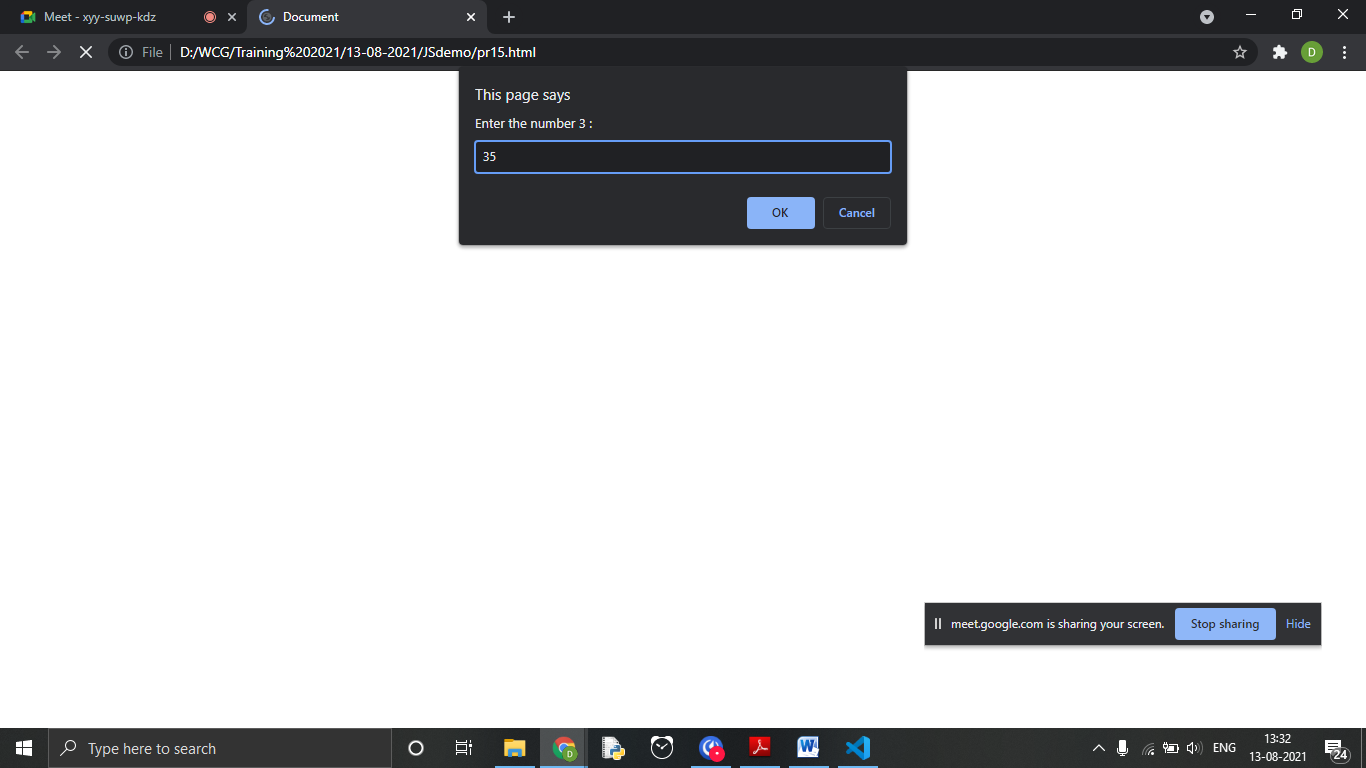
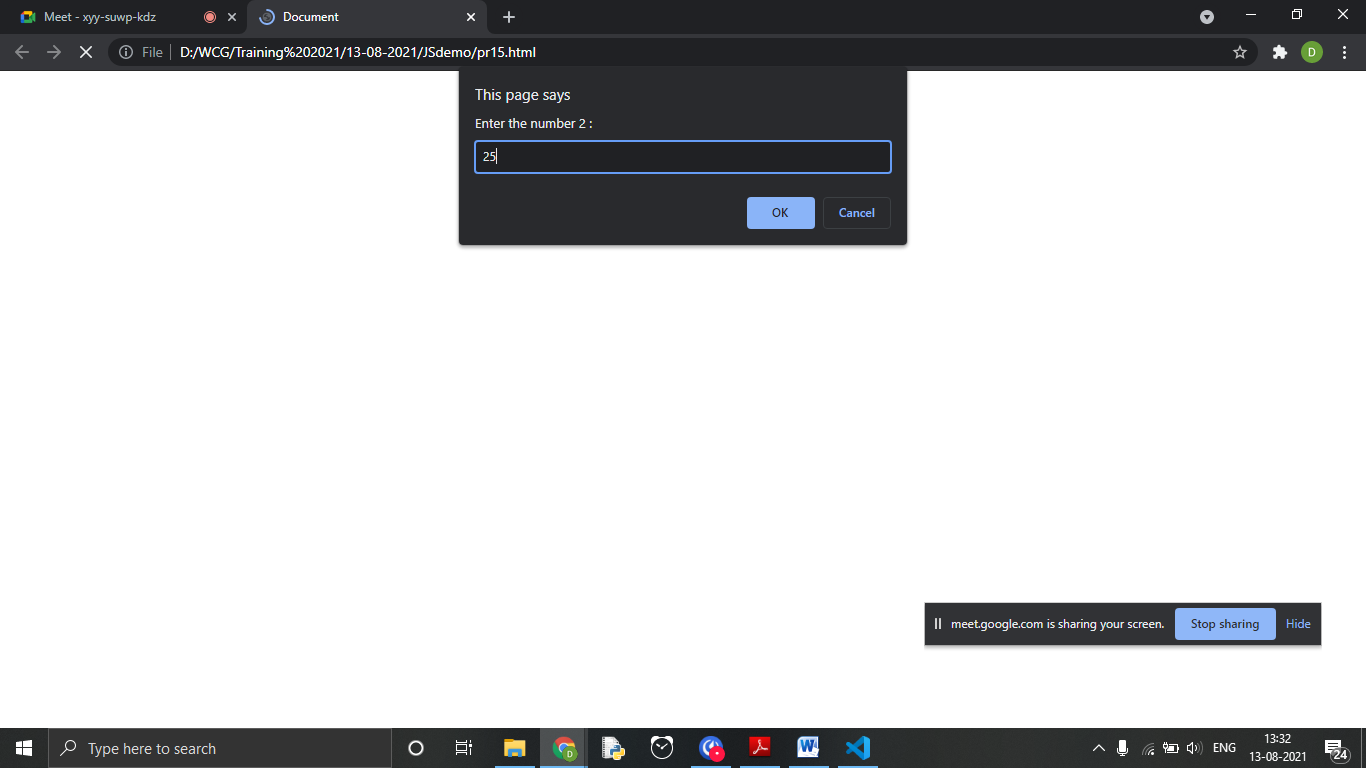
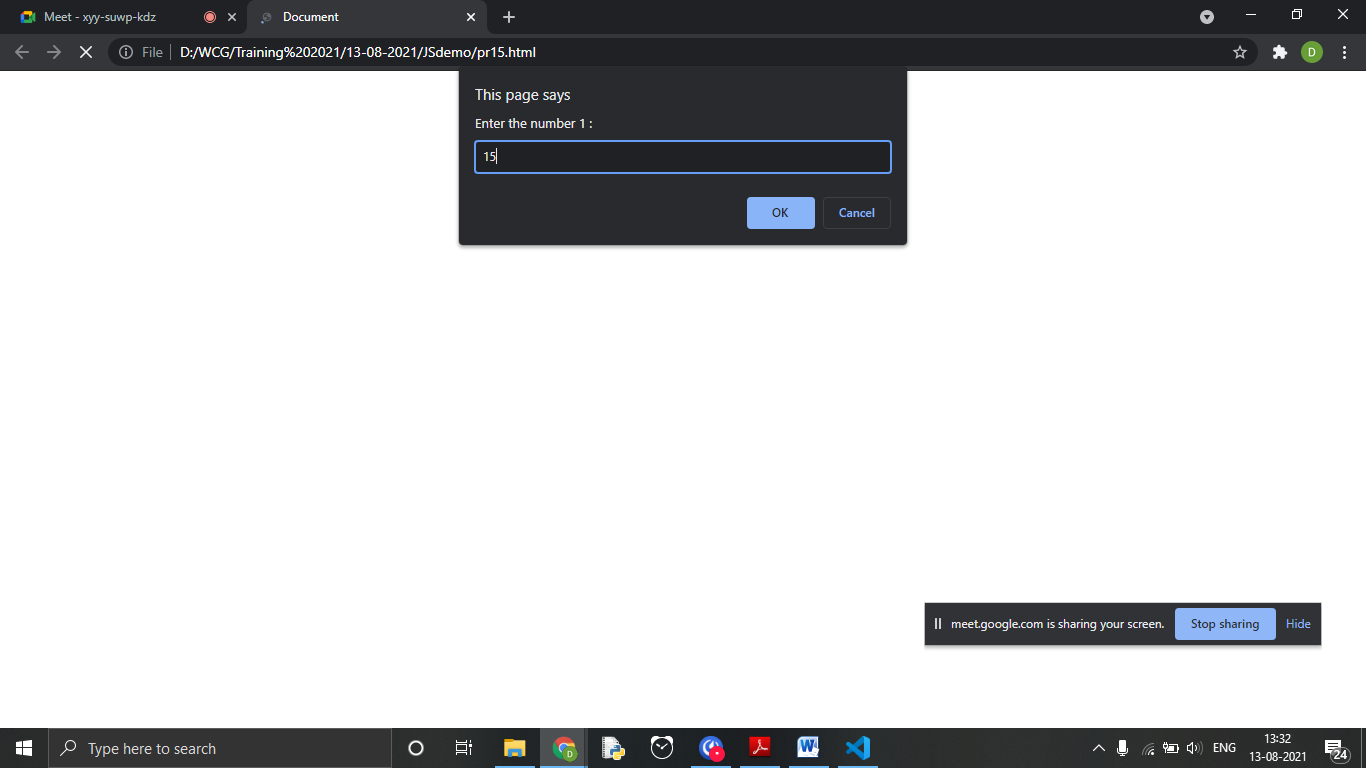
1. Take a number to print the square of a number if it is less than 10.



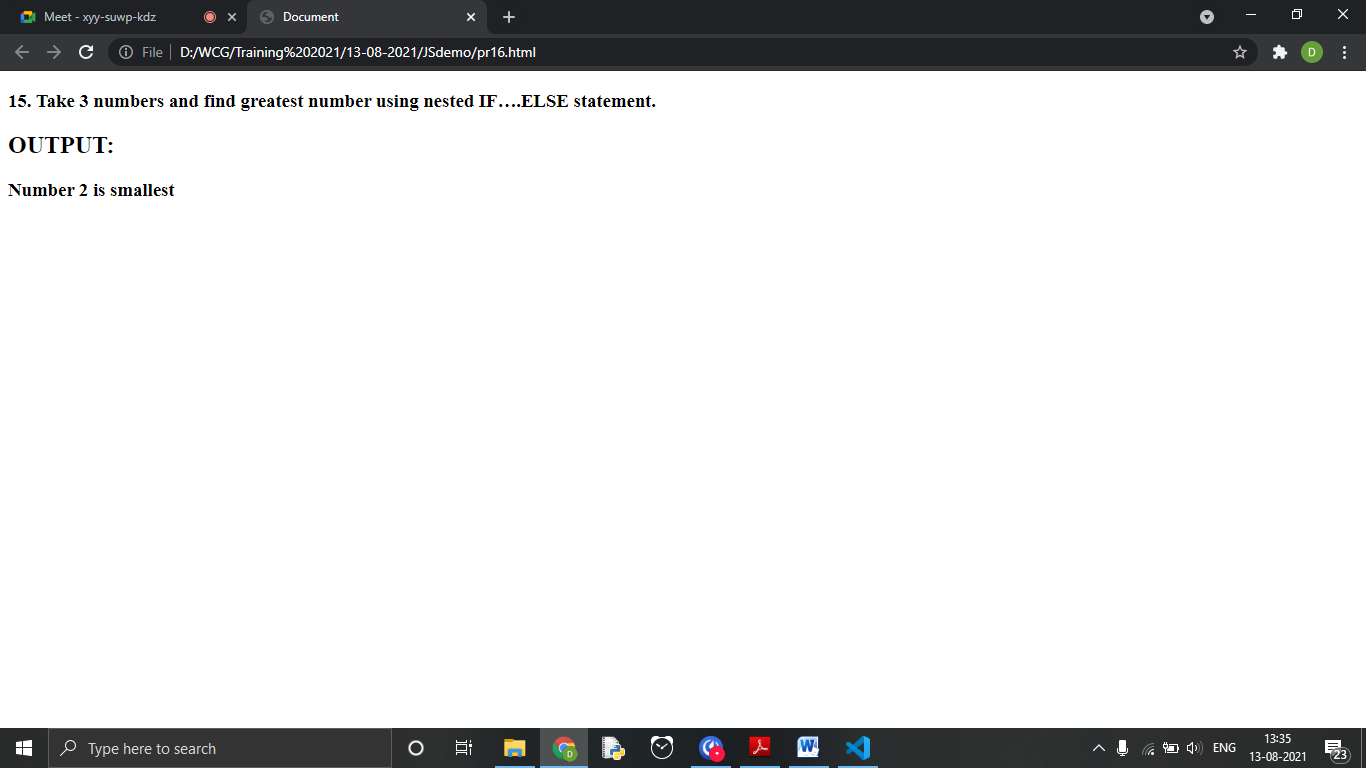
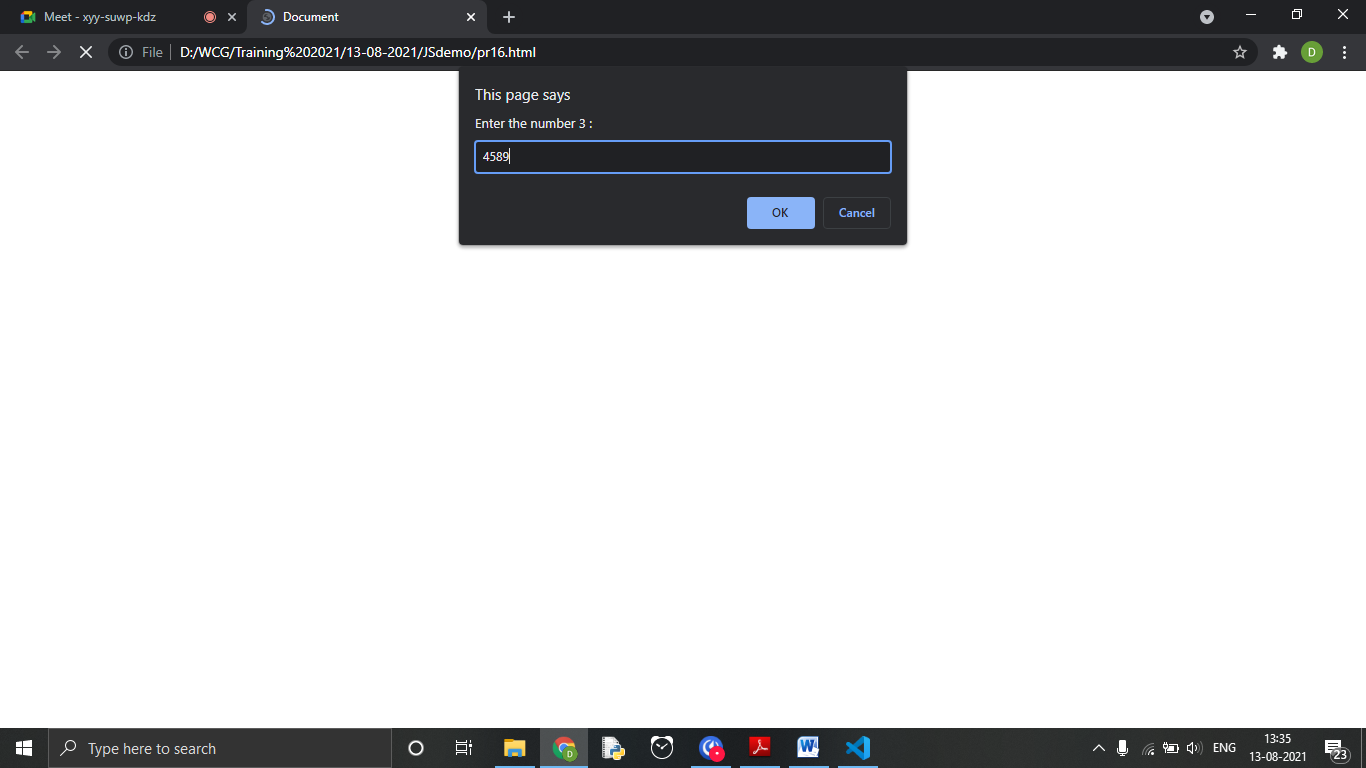
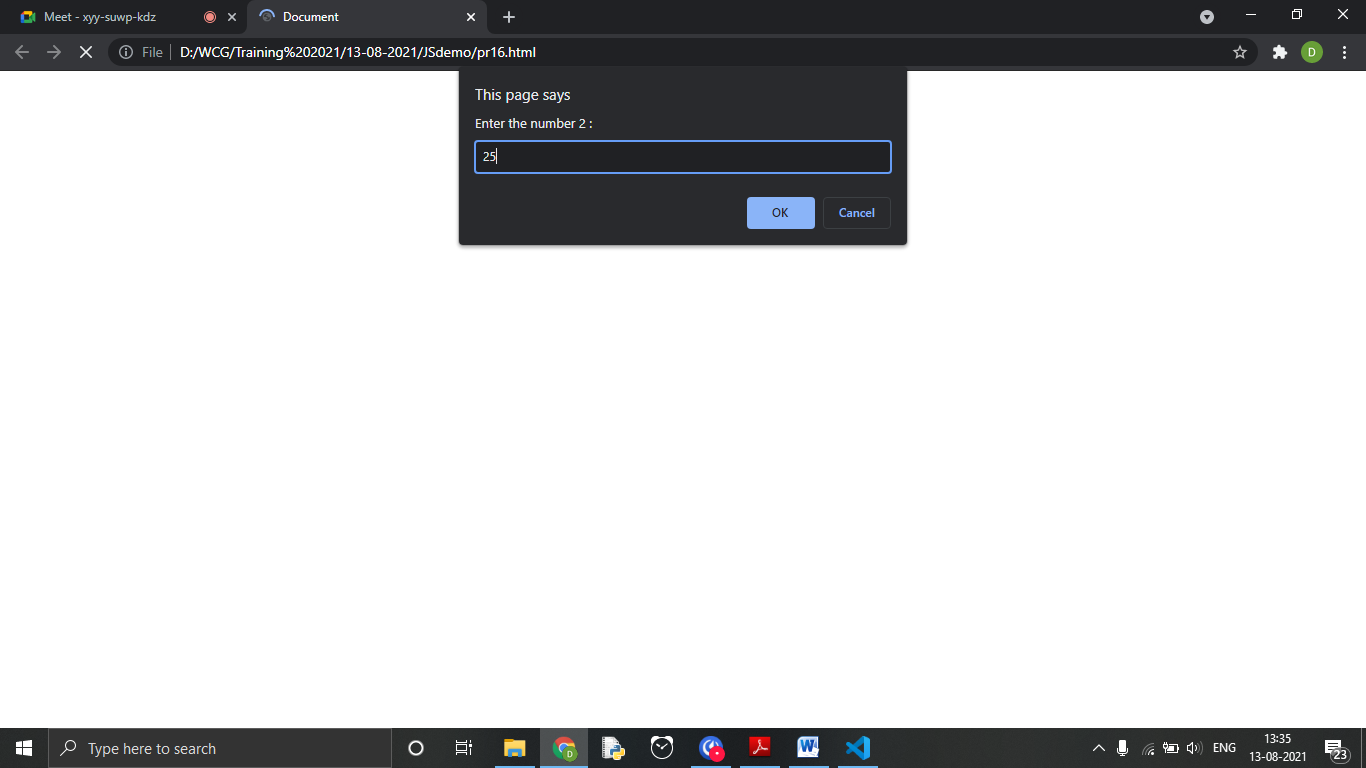
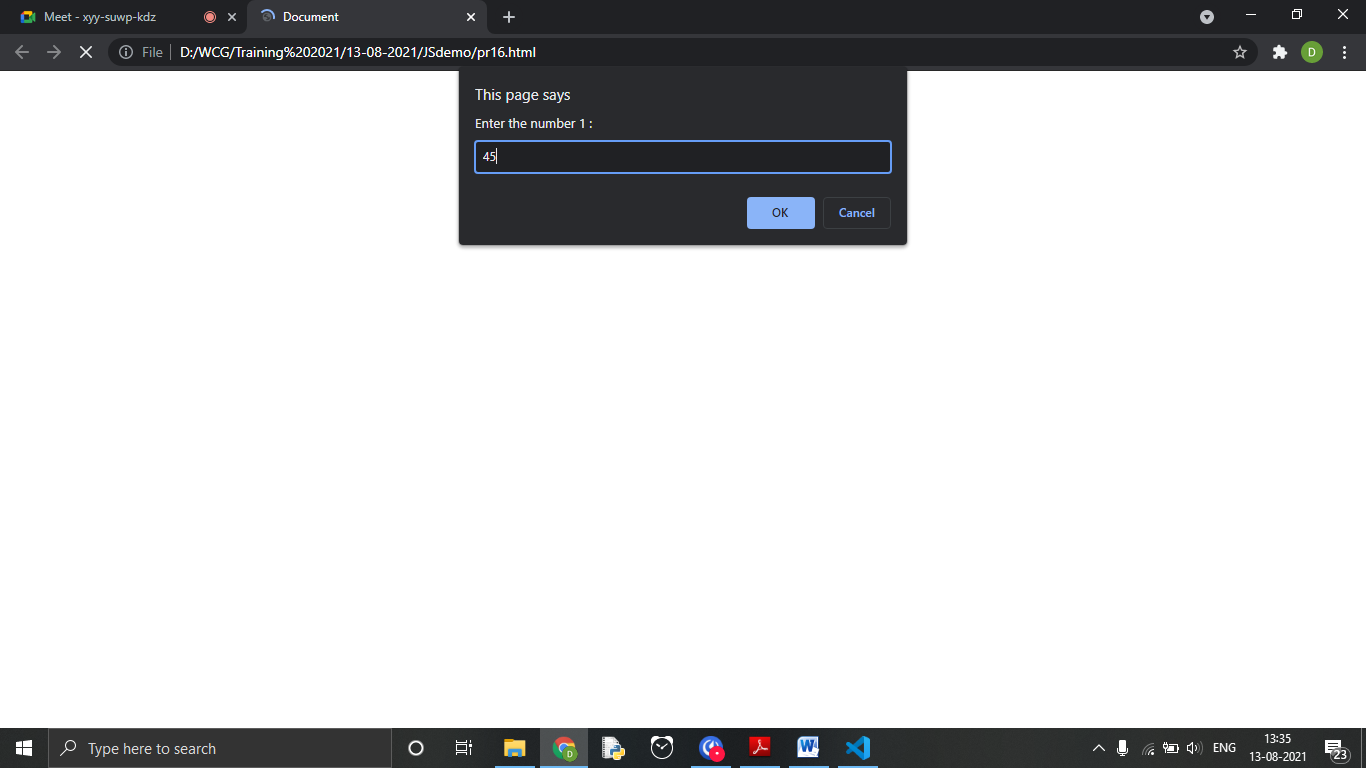
14. Take a number and check whether it is zero, positive or negative using nested IF…ELSE statement .



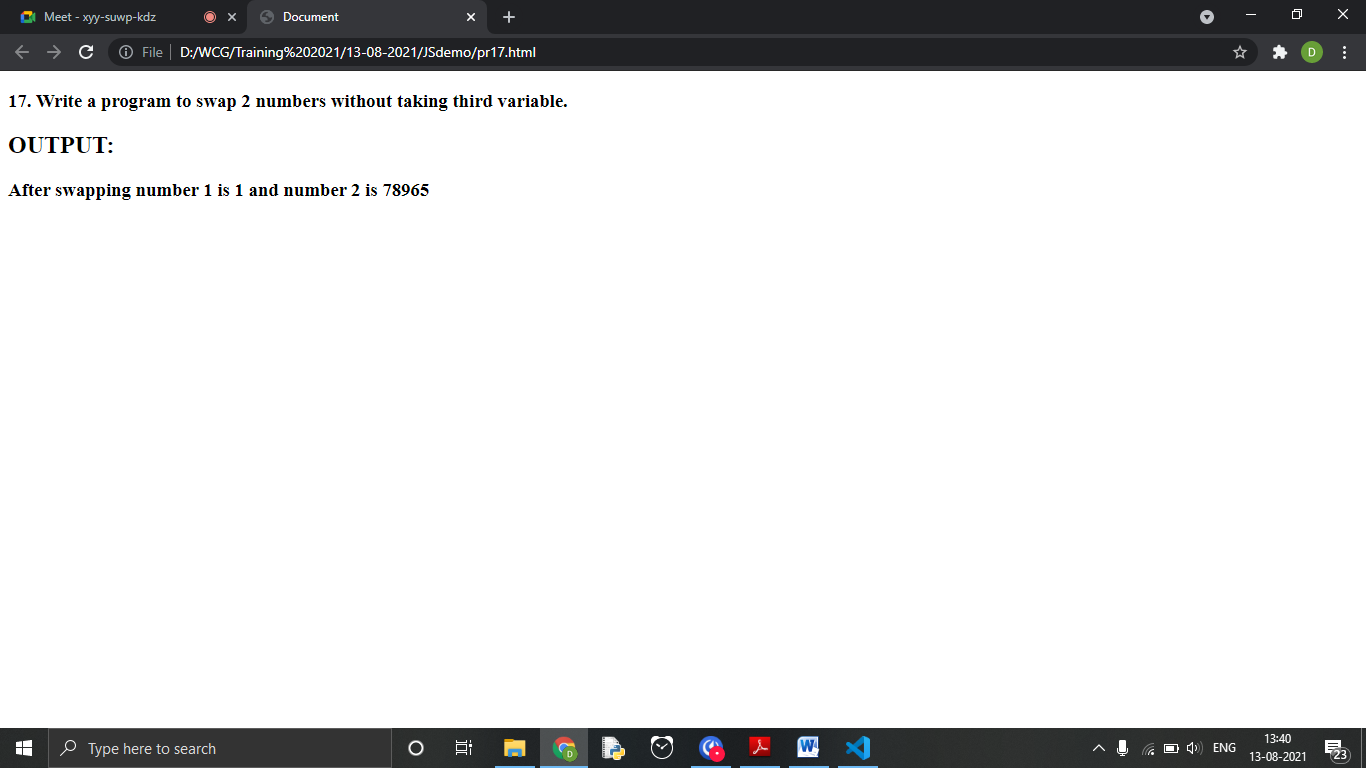
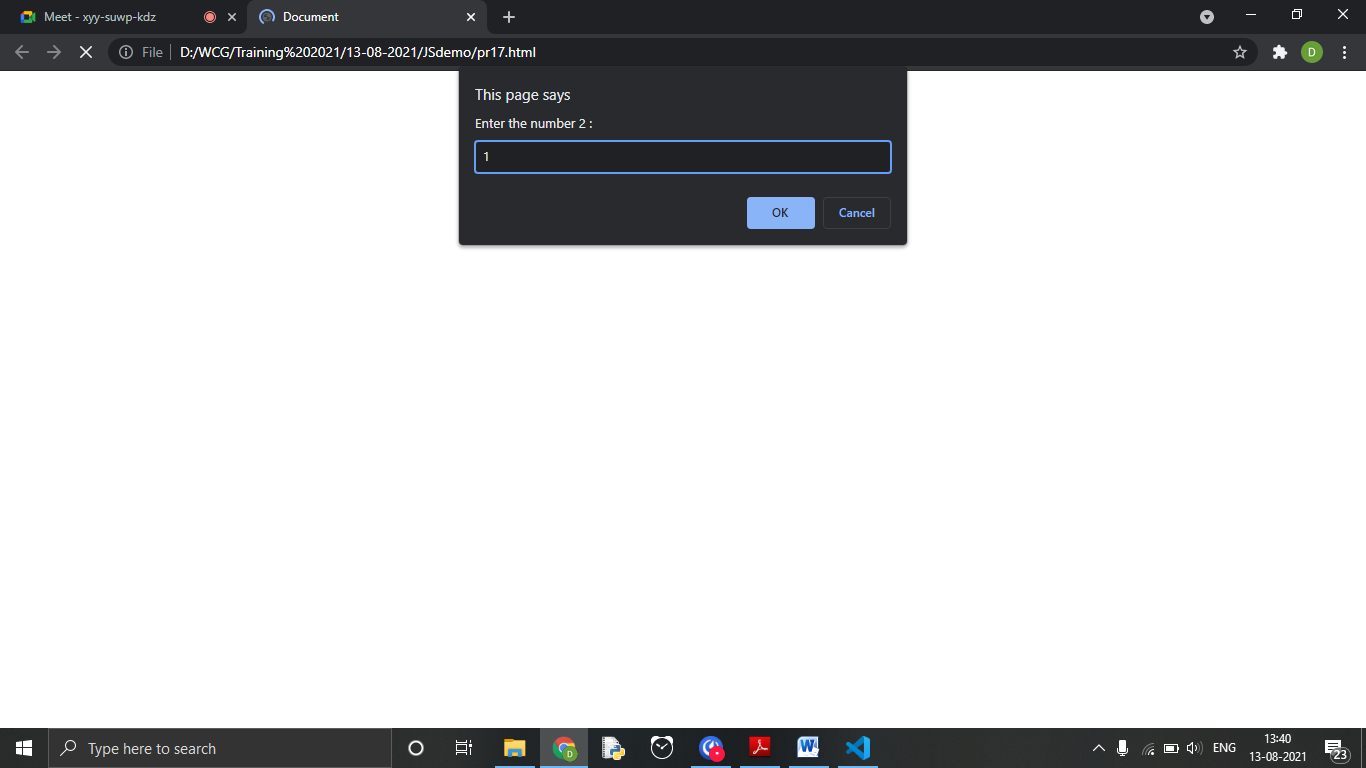
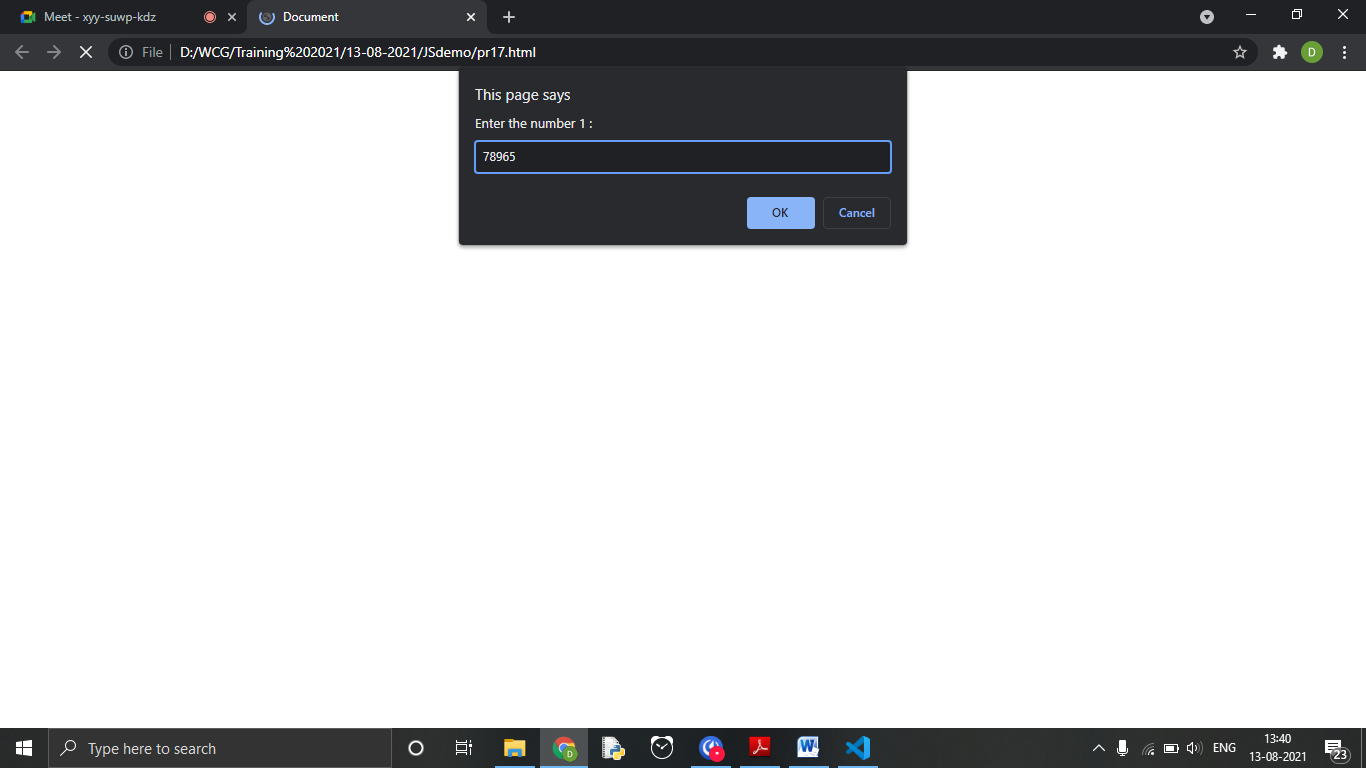
15. Take 3 numbers and find greatest number using nested IF….ELSE statement.



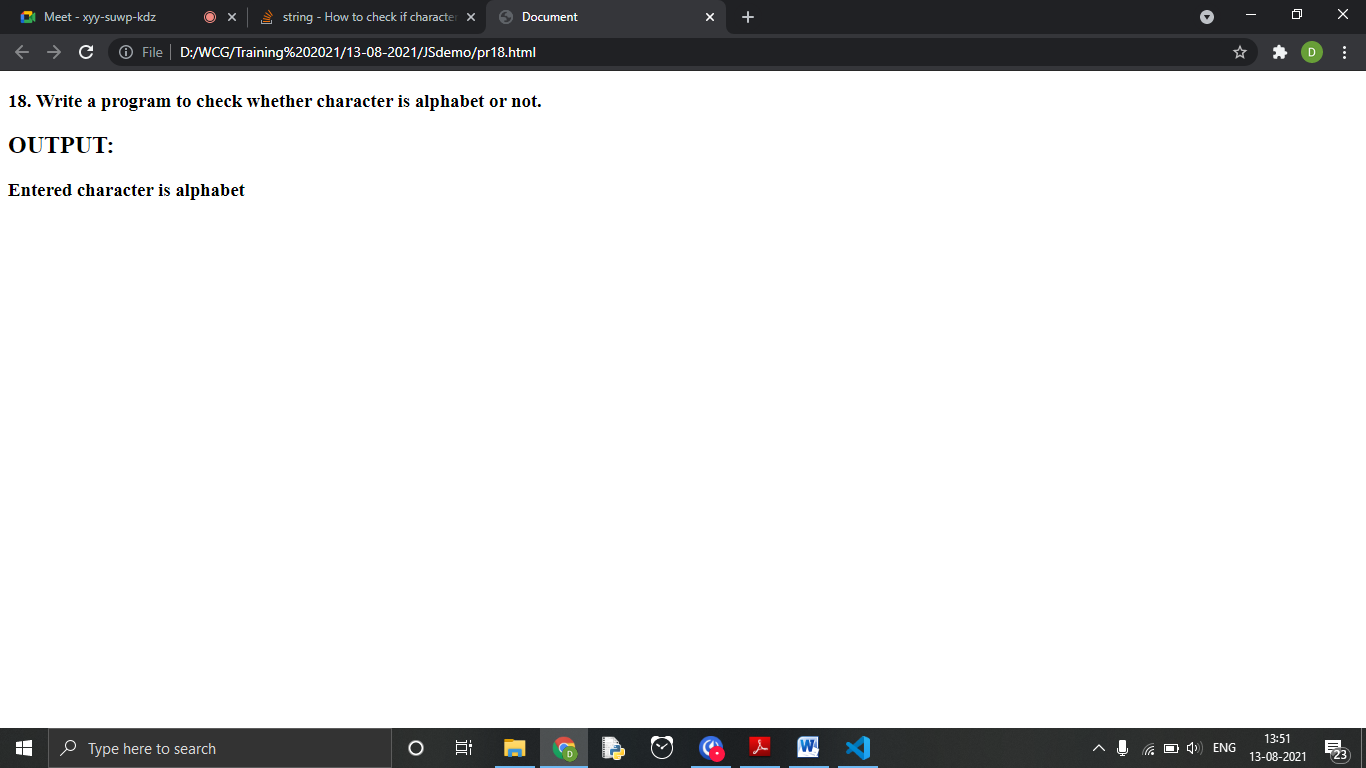
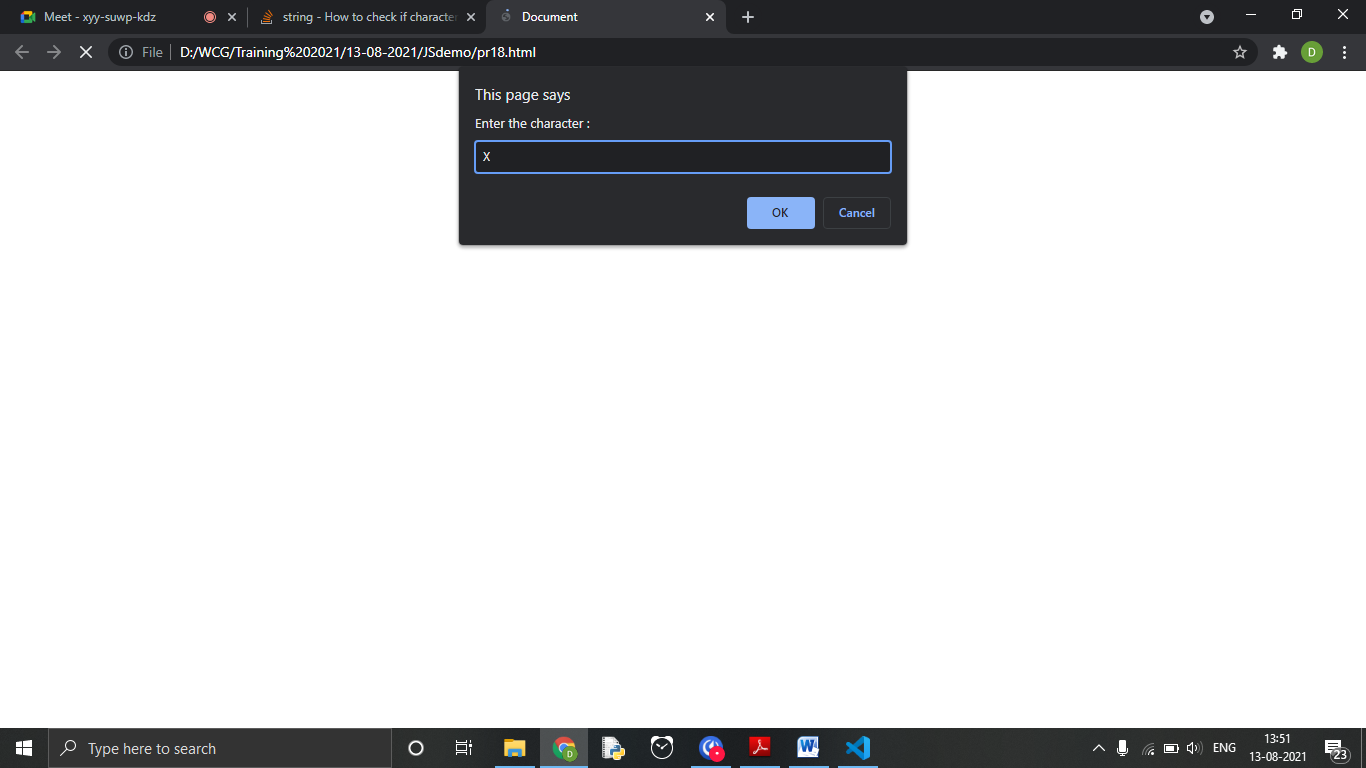
16. Take 3 numbers and find smallest number using logical operator.



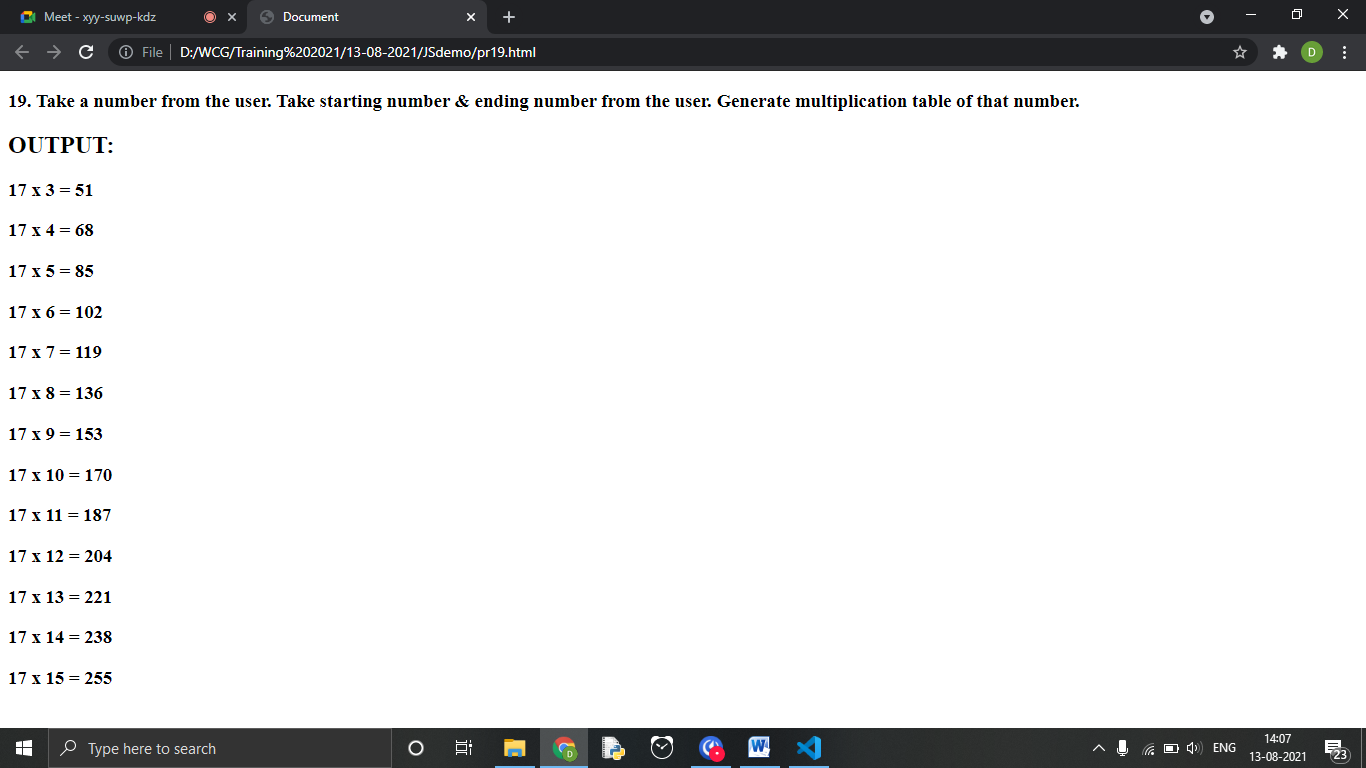
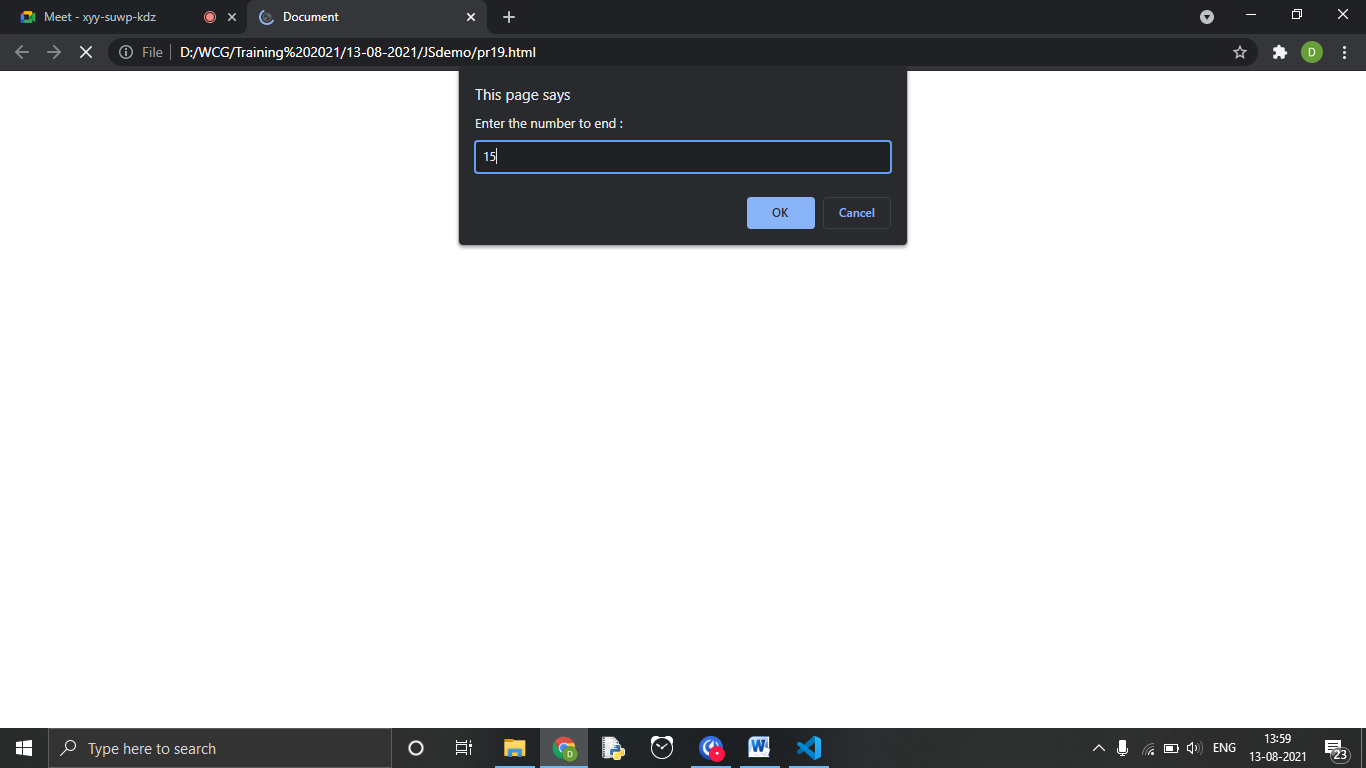
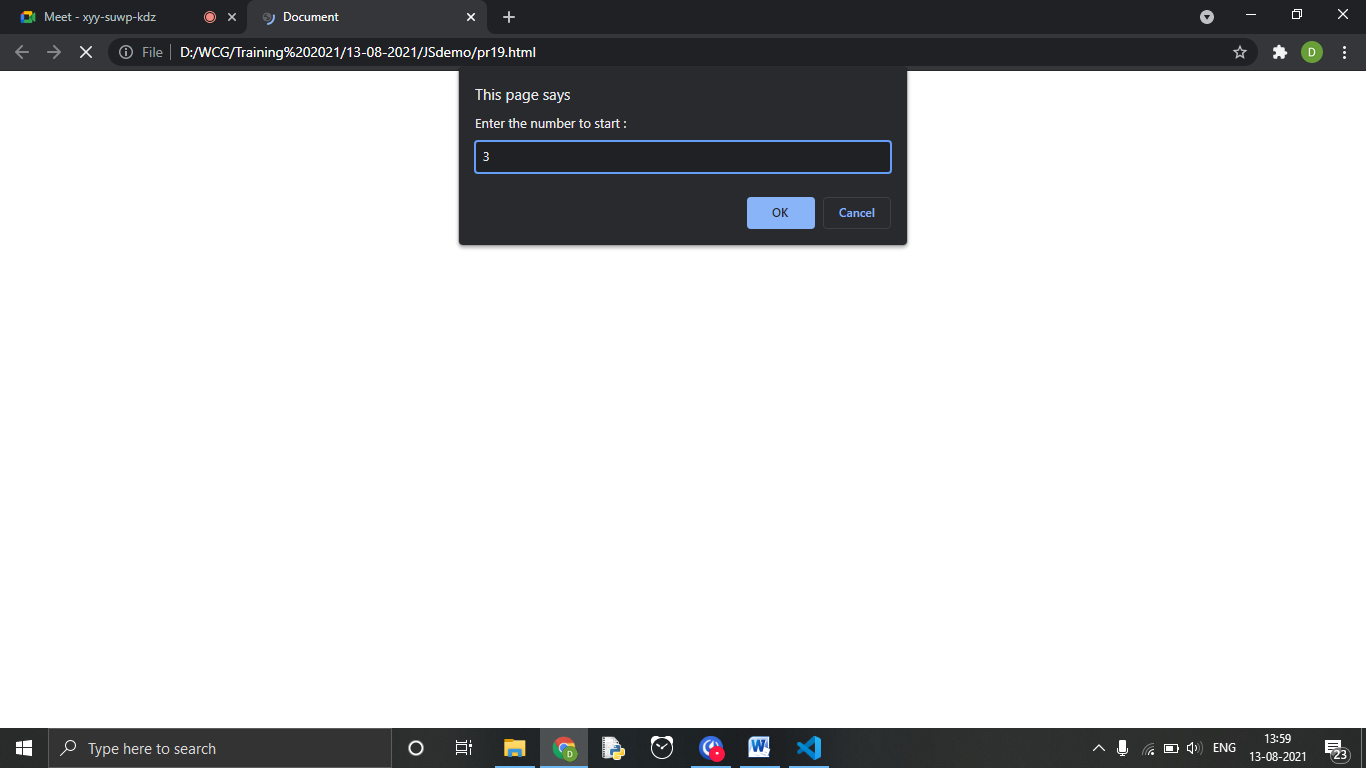
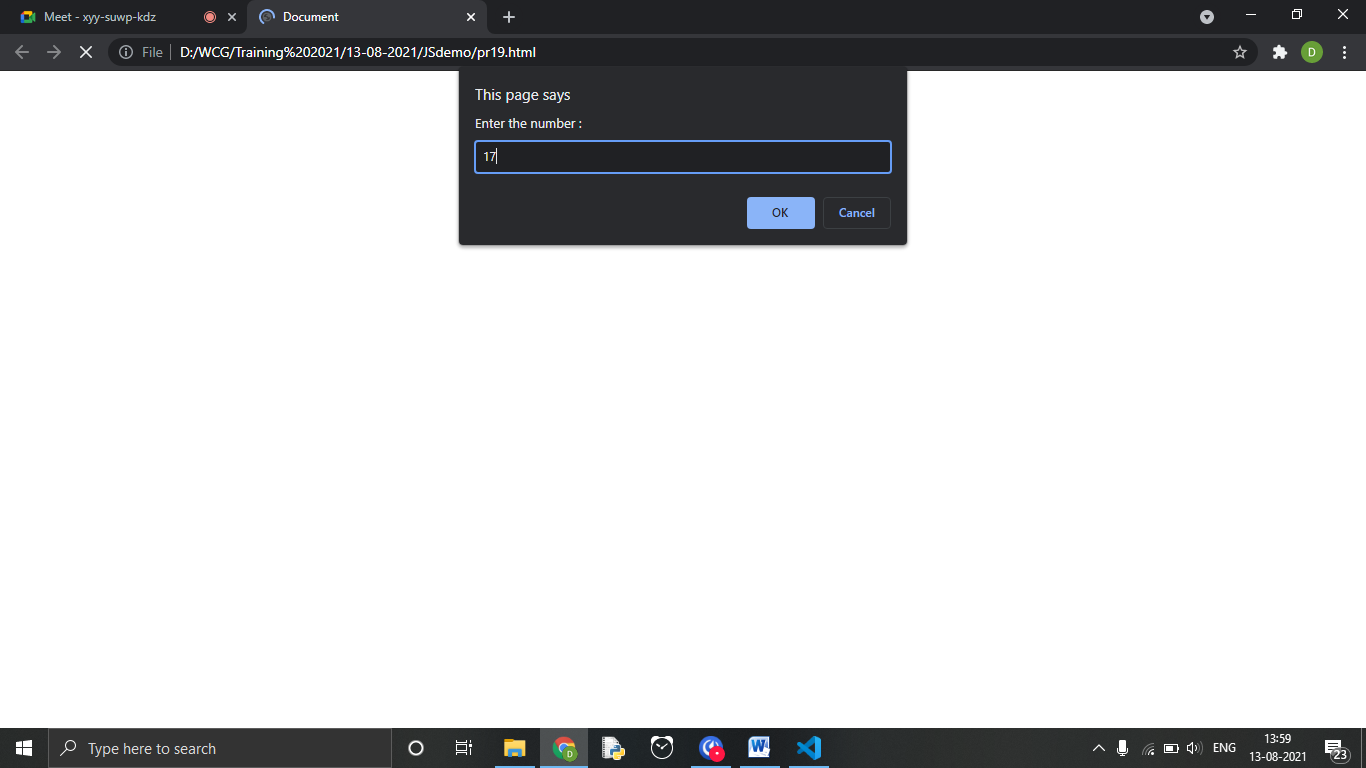
17. Write a program to swap 2 numbers without taking third variable.



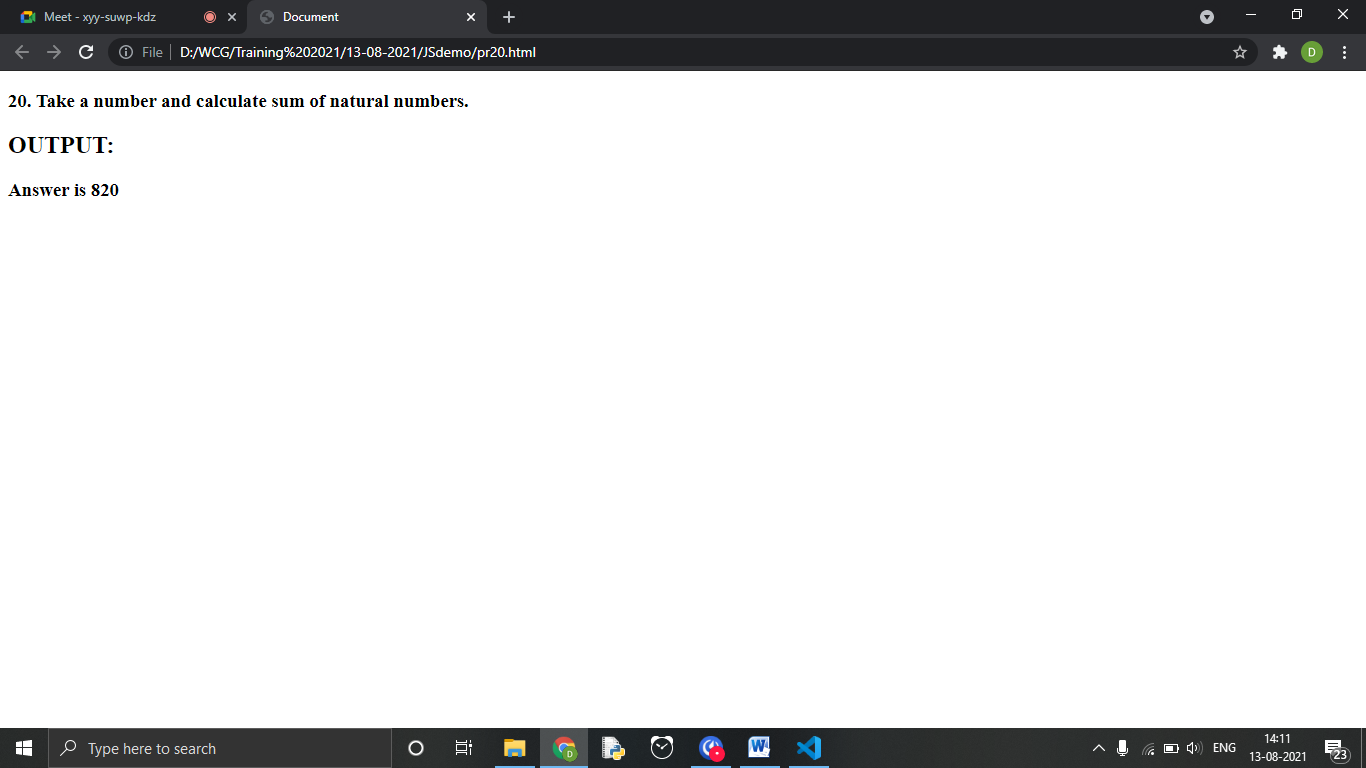
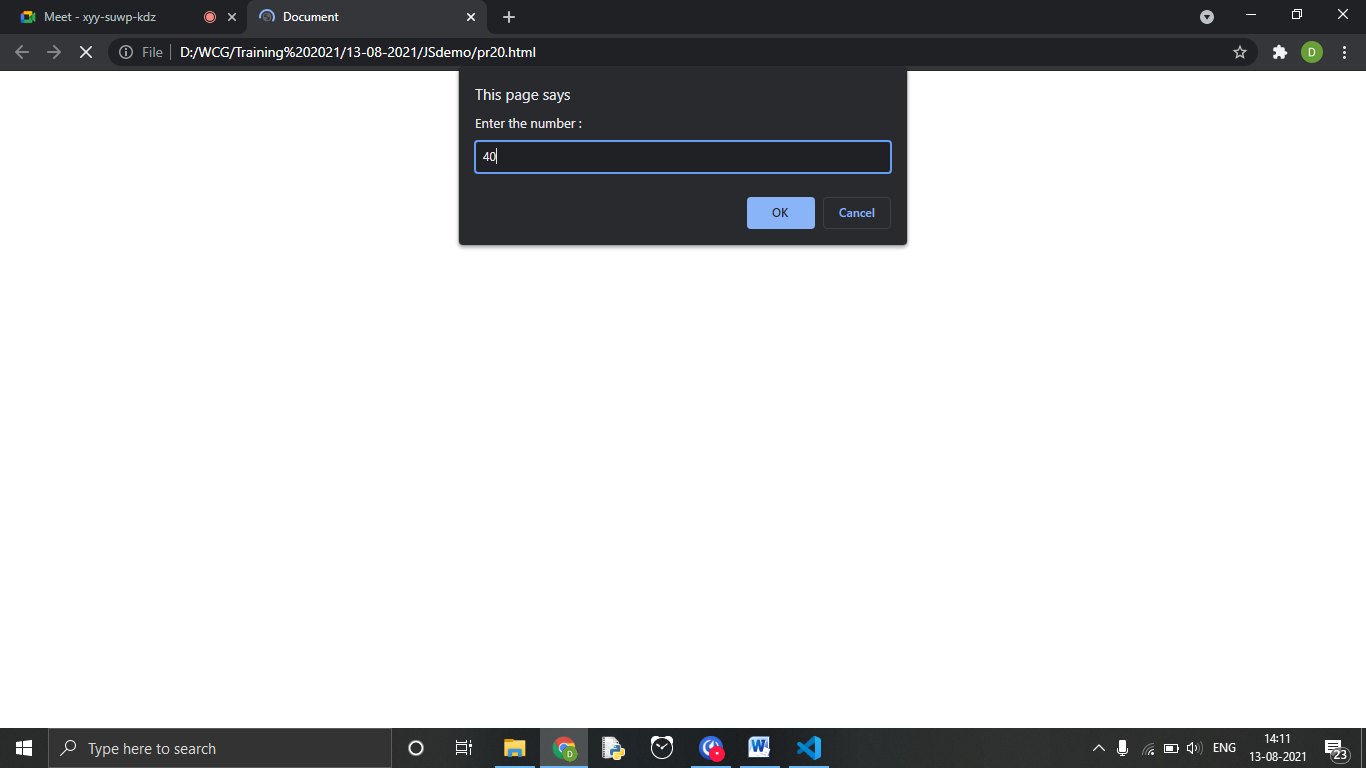
18. Write a program to check whether character is alphabet or not.



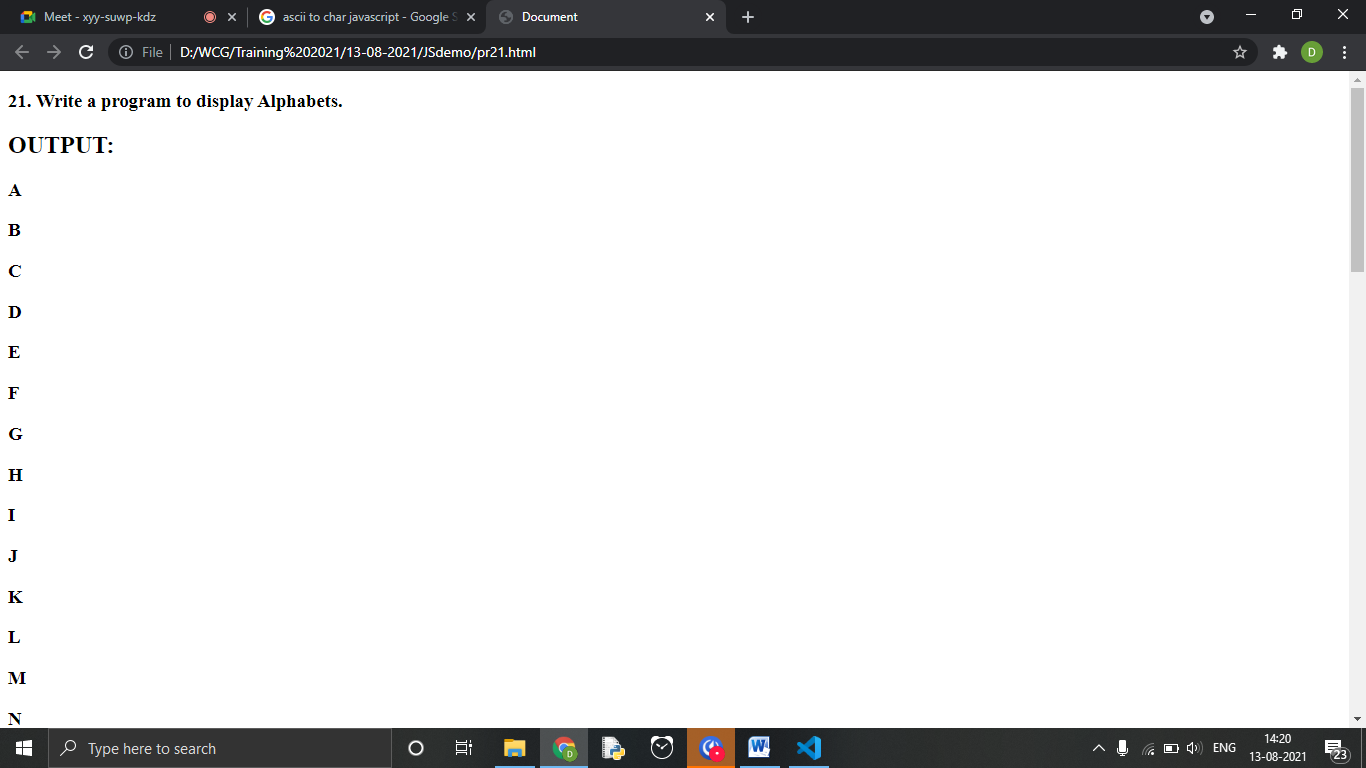
19. Take a number from the user. Take starting number & ending number from the user. Generate multiplication table of that number.



20. Take a number and calculate sum of natural numbers.



21. Write a program to display Alphabets.



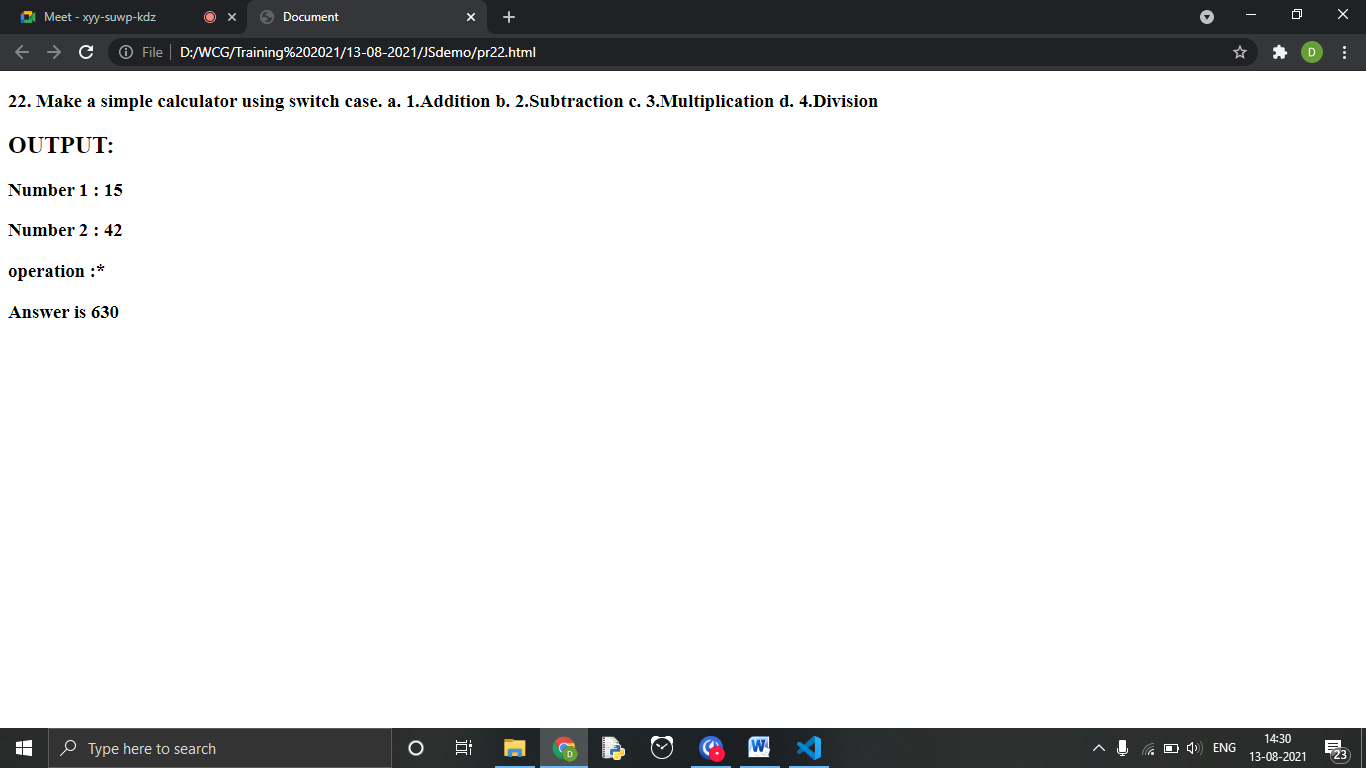
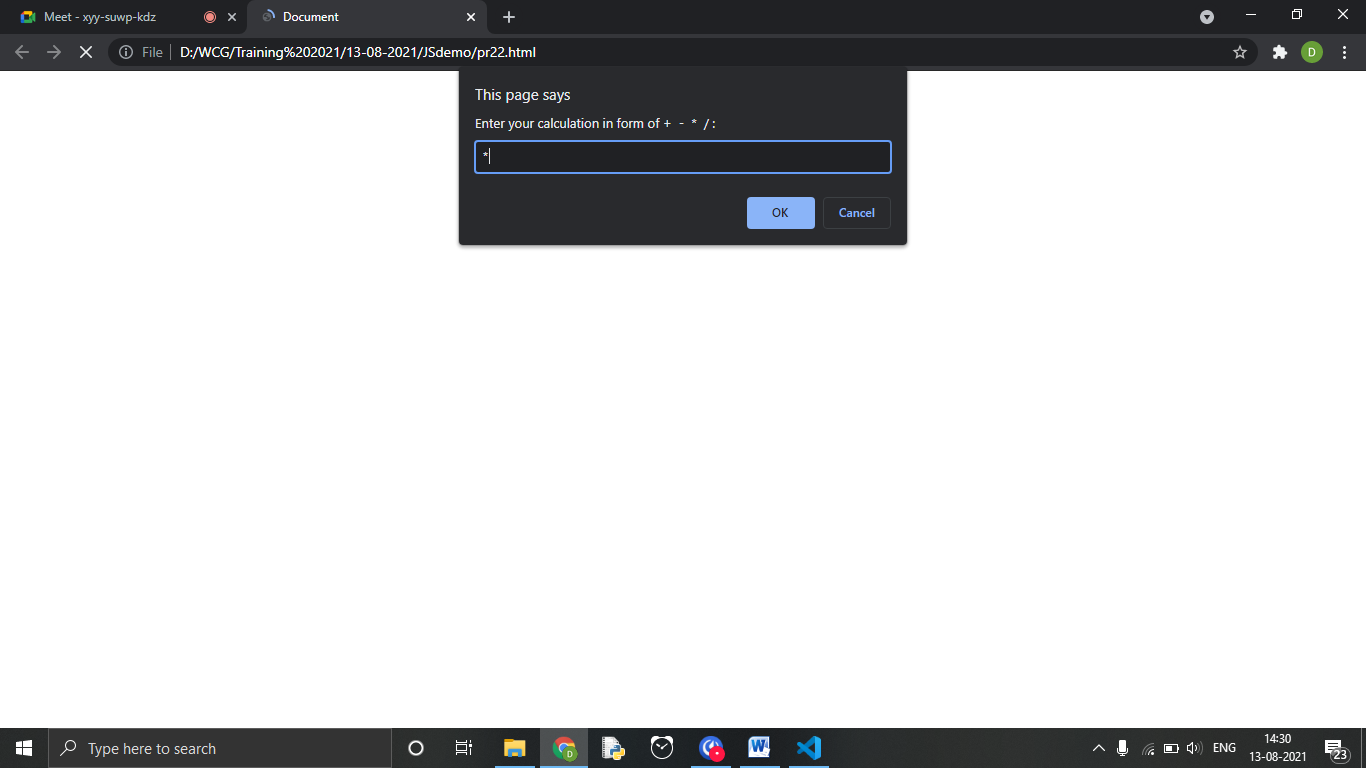
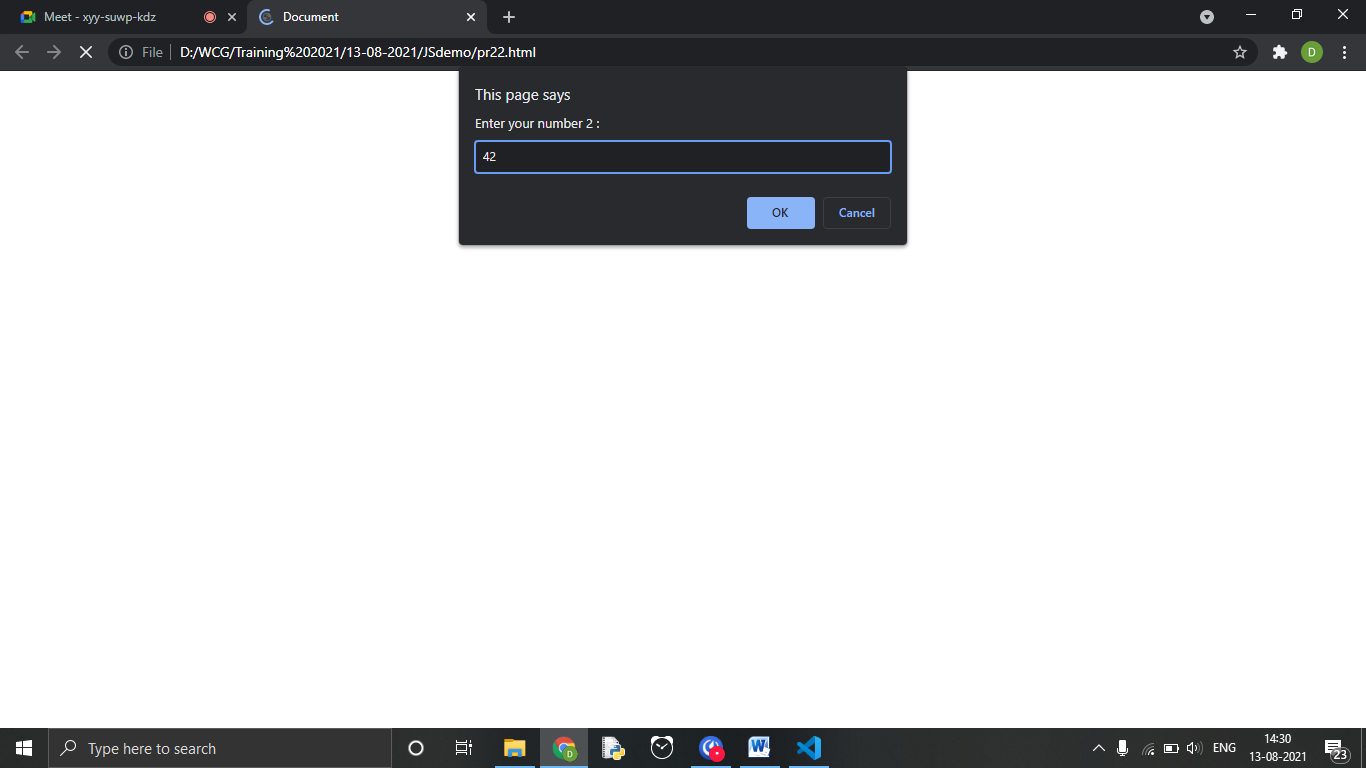
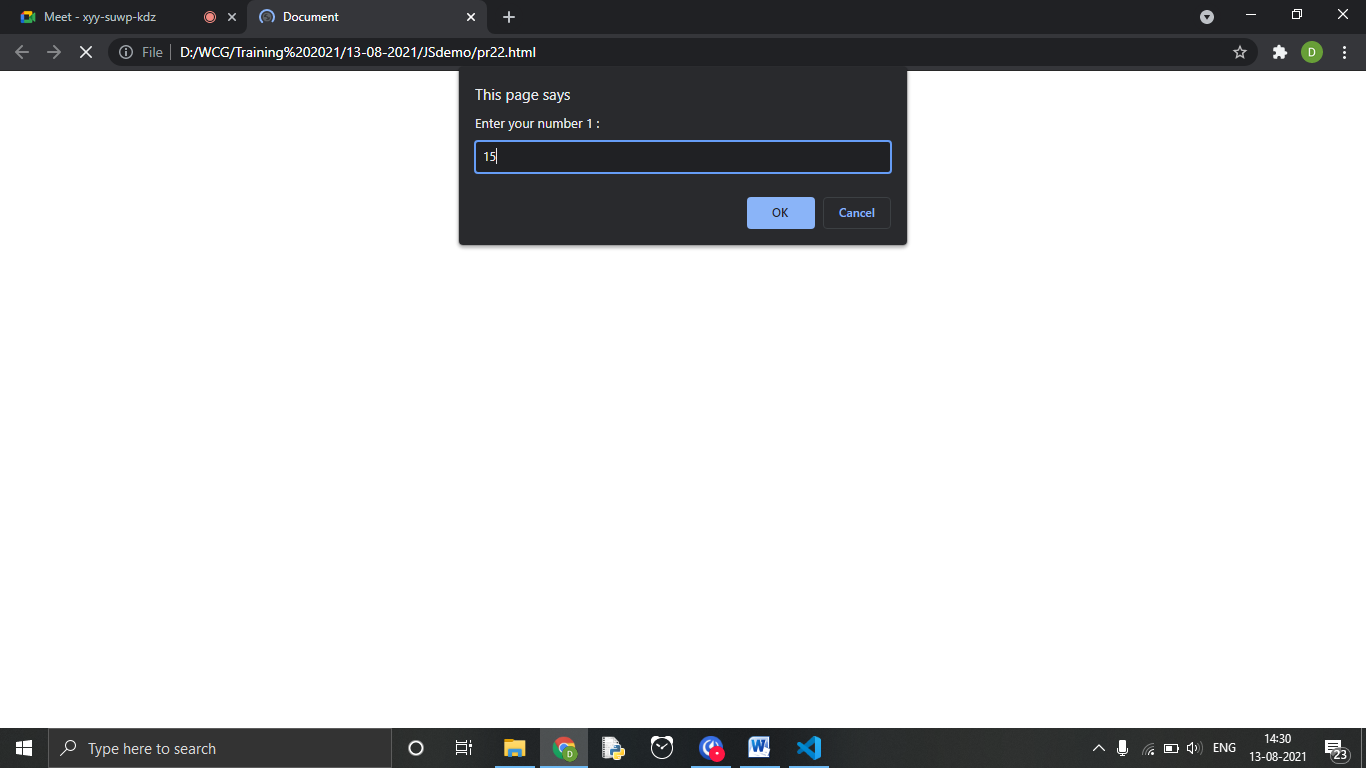
22. Make a simple calculator using switch case.

a. 1.Addition

b. 2.Subtraction

c. 3.Multiplication

d. 4.Division



23. Take 5 numbers and calculate percentage. According to that percentage print grade.

• If marks <50 then Grade is F.

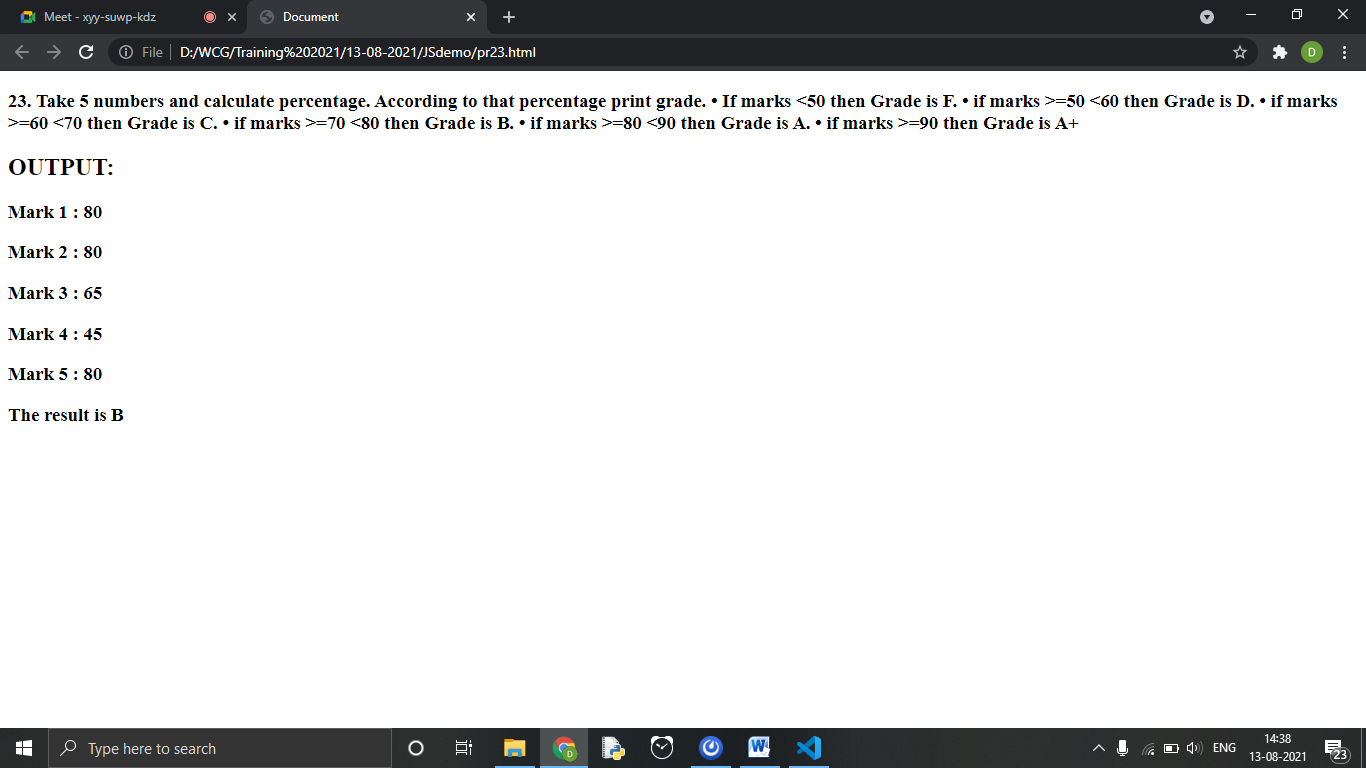
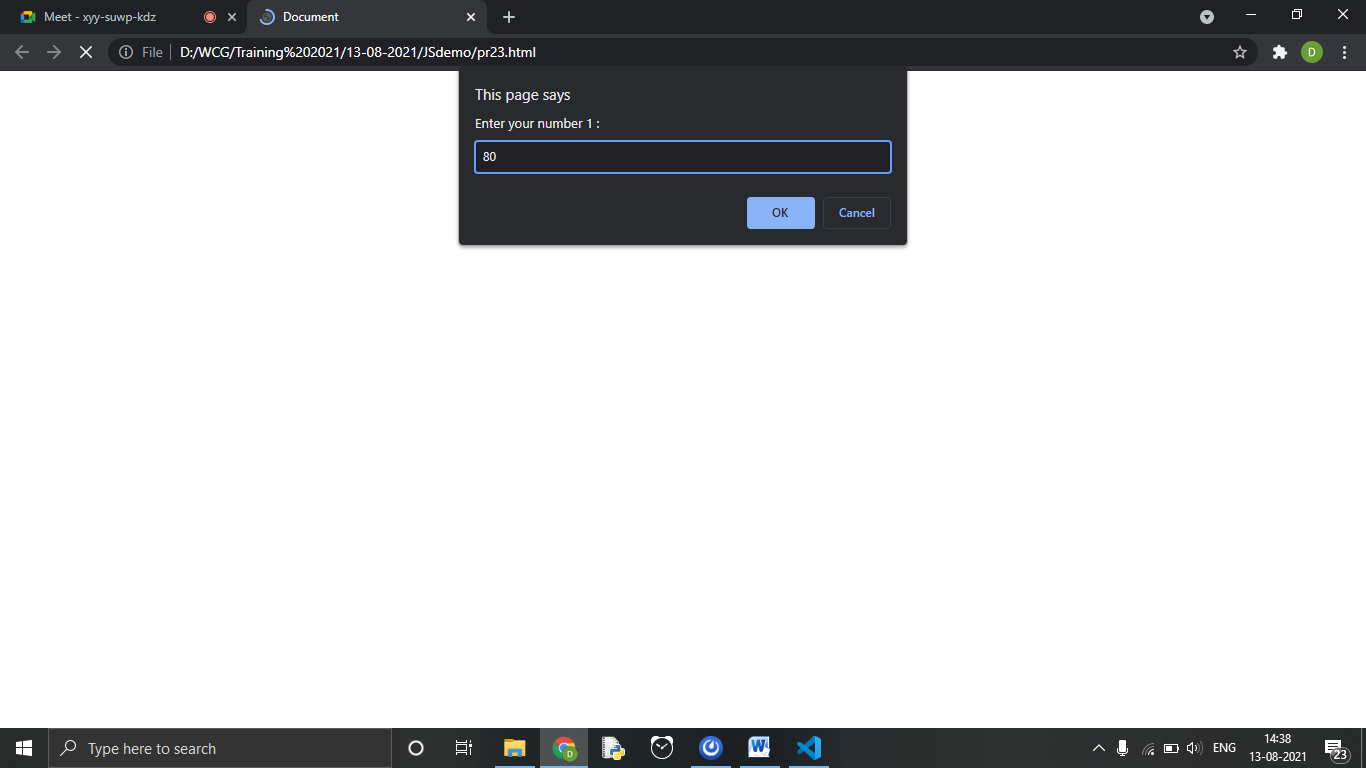
• if marks >=50 <60 then Grade is D.

• if marks >=60 <70 then Grade is C.

• if marks >=70 <80 then Grade is B.

• if marks >=80 <90 then Grade is A.

• if marks >=90 then Grade is A+



24. Take starting number and ending number from the user and print following series.

Output :-

Enter starting number : 30

Enter ending number : 0

30

27

24

21

18

15

12

9

6

3

0

