1. Given a variable var x = 23. Increment its value by 1.
2. Print the sum of 12 and 23 using the addition operator.
3. Print the difference of 52 and 36 using the subtraction operator.
4. Print the product of 23 and 56 using the multiplication operator.
5. Divide 36 by 5 and print the output by using the division operator.
6. Divide 67 by 4 and print the quotient.
7. Divide 48 by 7 and print the remainder.
8. Print the value of 2 raised to the power of 6.
9. Given var x = “Edupoly” and var y = “Training”. Print “Edupoly Training” in the console.
10. Find the perimeter of a square having each side 4cm.
11. Find the perimeter of a rectangle of length 50cm and breadth 35cm.
12. Find the circumference of a circle of radius 20cm. (Take π = 3.14)
13. Find the area of a square having each side 12cm.
14. Find the area of a rectangle of length 25cm and breadth 16cm.
15. Find the area of a circle of radius 3.75cm.
16. Given the marks of 3 subjects as 67,48 and 74. Print the average marks of the 3 subjects.
17. Given the cost of a product as ₹538.56, add 18% GST to it and print the total cost.
18. Given a variable var x = 48. Decrement its value by 1.
19. Write a script to swap two numbers;
20. Write a script to swap two numbers without using 3rd variable
21. (please use \*,%,/ not + and -)
22. Write a program to print the reminder of a division
23. Write a program to print the simple interest rate of given P T R values
24. Write a program to print the max of given two numbers using ternary operator
25. Write a program to print the max of given three numbers using ternary operator
26. Find the area of a square for given length of a side
27. Find the area of a rectangle for given length and breadth
28. Find the area of a triangle for given base and height
29. Check a given number is even or not using ternary operator
30. Check a given number is odd or not using ternary operator
31. Check a given number is positive or not using ternary operator
32. Check a given number is multiple of 4 or not using ternary operator
33. Print the (a+b)^2 for given a and b values
34. Print the (a+b)^3 for given a and b values
35. Print the (a+b+c)^2 for given a,b and c values
36. Ramesh’s basic salary is input through the keyboard. His dearness allowance is 40% of basic salary, and house rent allowance is 20% of basic salary. Write a program to calculate his gross salary.
37. The distance between two cities (in km.) is input through the keyboard. Write a program to convert and print this distance in meters, feet, inches and centimeters.
38. If the marks obtained by a student in five different subjects are input through the keyboard, find out the aggregate marks and percentage marks obtained by the student. Assume that the maximum marks that can be obtained by a student in each subject is 100.
39. Temperature of a city in Fahrenheit degrees is input through the keyboard. Write a program to convert this temperature into Centigrade degrees.
40. The length & breadth of a rectangle and radius of a circle are input through the keyboard. Write a program to calculate the area & perimeter of the rectangle, and the area & circumference of the circle.
41. Two numbers are input through the keyboard into two locations C and D. Write a program to interchange the contents of C and D.
42. If a five-digit number is input through the keyboard, write a program to calculate the sum of its digits. (Hint: Use the modulus operator ‘%’)
43. If a five-digit number is input through the keyboard, write a program to reverse the number.
44. If a four-digit number is input through the keyboard, write a program to obtain the sum of the first and last digit of this number.
45. In a town, the percentage of men is 52. The percentage of total literacy is 48. If total percentage of literate men is 35 of the total population, write a program to find the total number 48 Let Us C of illiterate men and women if the population of the town is 80,000.
46. A cashier has currency notes of denominations 10, 50 and 100. If the amount to be withdrawn is input through the keyboard in hundreds, find the total number of currency notes of each denomination the cashier will have to give to the withdrawer.
47. If the total selling price of 15 items and the total profit earned on them is input through the keyboard, write a program to find the cost price of one item.
48. If a five-digit number is input through the keyboard, write a program to print a new number by adding one to each of its digits. For example if the number that is input is 12391 then the output should be displayed as 23402.
49. Write a program that converts Centigrade to Fahrenheit.

Input a temperature (in Centigrade): 45

Expected Output :

113.000000 degrees Fahrenheit.

32. Write a JavaScript program that calculates the volume of a sphere.

Input the radius of the sphere : 2.56

Expected Output :

The volume of the sphere is 70.276237.

33. Write a JavaScript program that prints the perimeter of a rectangle to take its height and width as input.

Input the height of the Rectangle : 5

Input the width of the Rectangle : 7

Expected Output :

Perimeter of the Rectangle is : 24.000000

33. Write a JavaScript program that converts kilometers per hour to miles per hour.

Input kilometers per hour: 15

Expected Output :

9.320568 miles per hour

34. Write a JavaScript program that takes hours and minutes as input, and calculates the total number of minutes.

Input hours: 5

Input minutes: 37

Expected Output :

Total: 337 minutes.

35. Write a program in JavaScript that takes minutes as input, and display the total number of hours and minutes.

Input minutes: 546

Expected Output :

9 Hours, 6 Minutes

39. Write a JavaScript program to find the third angle of a triangle if two angles are given.

Input two angles of triangle separated by comma : 50,70

Expected Output :

Third angle of the triangle : 60

40. Write a script to display the maximum number in given two numbers using operators

41. Write a script to display the maximum number in given three numbers using operators

42. Write a script to display the given two strings in ascending order using operators