

## Basic Coding Questions for Logical Building

1. Write a program to convert kg to g. (Input 56kg print in grams)
2. Write a program to convert temperature from degree C to F. (Input 80C)  
$$(80^{\circ}\text{C} \times 9/5) + 32 = 176^{\circ}\text{F}$$
3. Declare and initialize 3 three variable and print the biggest number.
4. Write a java program that performs the following tasks.
  - a. Store a number in a variable
  - b. If value is not in range (100-1000) prints wrong number else follows the steps
  - c. Check even or odd
  - d. If even divide the number by 3 and print the remainder
  - e. If odd divide the number by 2 and print the remainder.
5. Declare & initialize a number. Check whether the number is in range 0-100 or not. If not in range print invalid input. Else – if the number is in range 90-100 then print Super Smart, 80-90 print Smart, 70-80 print smart enough, 60-70 print just smart, 35-60 print no smart, 0-35 print dump.
6. Write a program to perform simple math based on the user inputs by using Switch condition.(+ , - , \* , /)
7. Write a program to print **“SEEKHO BIGDATA”**for 60 times.
8. Write a program to print all numbers which are divisible by 11 from 250 to 550.
9. Write a program to sum all the numbers from 56 to 153.
10. Write a program to print all even numbers in range 700 to 900.
11. Write a program to print all odd numbers from 251 to 51. like (251, 249,...51)
12. Write a Program to print the count of the even numbers between the given range?
13. Write a program to print alternate even numbers from 20 to 140. Like (20,24,28...)

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14. Write a program to print alternate even numbers from 20 to 140. Like (22,26,30...)
15. Print following series  $2*3, 3*4, 4*5, \dots, 16*17$  (Print in two ways – patter & multiplied value)
16. Write a program to sum all even numbers between 382 and 582.
17. Write a Program to print the all alphabets by using character Variable?
18. Write a program to find the average of 24,26,28,.....100.
19. Write programs to sum of the following Series.  $5^2 + 6^2 + 7^2 + \dots + 102^2$ .
20. Write a program to print A, B alternatively for 100 times. Ex: (A, B, A, B, A,B...)
21. Write a program to print the series : [10@9,9@8,8@7.....-5@-6](#)
22. Write programs to print the following series. 100,200,300.....10000
23. Write programs to print the following series.  $5^2, 7^2, 9^2, \dots, 25^2$
24. Write programs to print the following series. 5,10,5,10,5,10,5 for 7 times
25. Write programs to print the following series.  $5*4, 5*3, 5*2, \dots, 5*(-12)$   
(Print in two ways – patter & multiplied value)
26. Write programs to print the following series.  
1,even,3,even,5,even,.....35,even
27. Write programs to print the following series. 1,2,factor of three,4,5,factor of three, 7,8,factor of three,.....22,23,factor of three.
28. Write programs to print the following series. 1,3, divisible by five, 7,9, 11,13, divisible by five,.....21,23, divisible by five
29. Write programs to print the following series.  $0.5^2, 0.7^2, 0.9^2, \dots, 5.1^2$
30. Write a for loop that never ends?
31. Write a Loop inside other loop and observe the execution flow?

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