C Programming Practice Question

Chapter-3(Iterative Statement - Loops)

Prepared By – YOUTH CAREER HUB

Course Name: CCP: Certified C Programming

Teacher Name: Mr. Indranil Chakraborty

1. Write a program to Print your name 20 times using a for loop, while loop, and do while loop.
2. Write a program to print 1-10 using a for loop, while loop, and do while loop.
3. **Write a program to Calculate the Sum of 1 to 10 numbers using a for loop, while loop, and do while loop.**
4. **Write a program to print even numbers up to N**
5. Write a program to print odd numbers up to N
6. **Write a program to find the sum of all natural numbers between 1 to n.**
7. **Write a program to find the sum of all even numbers between 1 to n.**
8. Write a program to print all natural numbers in reverse (from n to 1).
9. Write a program to print all alphabets from a to z.
10. Write a program to count the number of digits in a number.
11. **Write a program to find the last digit of a given number.**
12. Write a program to find the first digit of a given number.
13. Write a program to find the sum of the first and last digits of a number.
14. **Write a program to swap the first and last digits of a number**

15. **Write a program to calculate the sum of the digits of a number.**

16. Write a program to calculate the product of the digits of a number.

17. **Write a program to enter a number and print its reverse.**

    e.x. The number 12345 should be written as 54321 [VVI]

18. **Write a program to check whether a number is a palindrome or not.** [VVI]

19. Write a program to print the multiplication table of any number

20. **Write a program to find all factors of a number.** [VVI]

21. **Write a program to calculate the factorial of a number**[VVI]

22. **Write a program to find the HCF (GCD) and LCM of two numbers.** [VVI]

23. **Write a program to check whether a number is a Prime number or not.** [VVI]

24. **Write a program to find all the prime numbers between 1 to n.**

25. **Write a program to find all prime factors of a number.** [VVI]

26. **Write a program to check whether a number is an Armstrong number or not.** [VVI]

27. **Write a program to check whether a number is a Perfect number or not.** [VVI]

28. **Write a program to check whether a number is a Strong number or not.** [VVI]

29. **Write a program to print the Fibonacci series up to n terms**[VVI]