



# COMSATS University Islamabad, Abbottabad Campus

## Department of Computer Science

### Programming Fundamentals

#### Assignment-2 part 2

Name: \_\_\_\_\_

Reg No: \_\_\_\_\_

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1. Write a program to print your name 20 times on screen.
  2. Write a program to print numbers from 1 to 10
  3. Write a program to print odd numbers from 1 to 20
  4. Write a program to print even numbers from 50 to 70
  5. Ask user to enter 10 numbers. Print the sum and average of the entered numbers.
  6. Enter a number and display its divisors. (e.g., divisors of 15 are: 1,3,5,15)
  7. Enter a number and show its factors upto a specific number. (factors of 3 are : 3,6,9,12 .... )
  8. Write a program to calculate and print the sum of all multiples of 7 from 1 to 100.
  9. Two numbers are entered through the keyboard. Write a program to find the value of one number raised to the power of another.
  10. Write a program to enter a value and calculate its factorial. (e.g.,  $5! = 5*4*3*2*1$ )
  11. Enter a number and tell whether it is prime or not.
  12. Write a program to print Fibonacci series (1 1 2 3 5 7 12 19 31 .....)
  13. Enter a 3 digit number and find whether its Armstrong number or not? If sum of cubes of digits of three-digit number is equal to the number itself, then the number is called an Armstrong number. For example,  $153 = (1 * 1 * 1) + (5 * 5 * 5) + (3 * 3 * 3)$
  14. Write a program to print out all Armstrong numbers between 100 and 500.