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| **COMSATS University Islamabad**  **Sahiwal Campus** | | |
| **Department of computer science** | | |
| **FUNCTIONS TASK** | | |
| **Subject:** Programming Fundamentals | **Couse code:** CSC103 | **Due date: \_\_\_\_\_\_** |
| **Instructor:** M. Khurram Nisar | **Class:** \_\_\_\_\_\_\_\_\_ | **Total marks:** 10 |

Note: You need to develop and run these programs of your own. I may conduct viva/quiz to verify if programs are actually written by you. Failure to show understanding of code, copied tasks and code written using AI tools will yield 0 marks.

1. Write a program that inputs 5 numbers and pass all to the function. The function should return true if all the numbers are even.
2. Write a program that inputs a number and passes it to function that displays Fibonacci series from 1 to that number.\
3. Write a program that inputs an array of 5 numbers and then passes the array to a function. The function should return the maximum number in the array.
4. Write a program that accepts two numbers and check if the first number is a multiple of the second number or not.
5. Write a program that prints a diamond pattern but by using functions.