Lab-4	UDF
	Part-A 1. Write a scalar function to print "Welcome to DBMS Lab". 2. Write a scalar function to calculate simple interest. 3. Function to Get Difference in Days Between Two Given Dates 4. Write a scalar function which returns the sum of Credits for two given CourseIDs. 5. Write a function to check whether the given number is ODD or EVEN. 6. Write a function to print number from 1 to N. (Using while loop) 7. Write a scalar function to calculate factorial of total credits for a given CourseID. 8. Write a scalar function to check whether a given EnrollmentYear is in the past, current or future (Case statement) 9. Write a table-valued function that returns details of students whose names start with a given letter. 10. Write a table-valued function that returns unique department names from the STUDENT table. **Part-B** 11. Write a scalar function that calculates age in years given a DateOfBirth. 12. Write a scalar function to check whether given number is palindrome or not. 13. Write a scalar function to calculate the sum of Credits for all courses in the 'CSE' department. 14. Write a table-valued function that returns all courses taught by faculty with a specific designation. **Part - C** 15. Write a scalar function that accepts StudentID and returns their total enrolled credits (sum of credits from all active enrollments). 16. Write a scalar function that accepts two dates (joining date range) and returns the count of faculty who joined in that period.