Name → Laxman kumar Vashist

Class → BTech. 2nd Year { E }

University RollNo. → 191500429

Class RollNo. → '37'

Subject → Database ← Management

Systems Lab

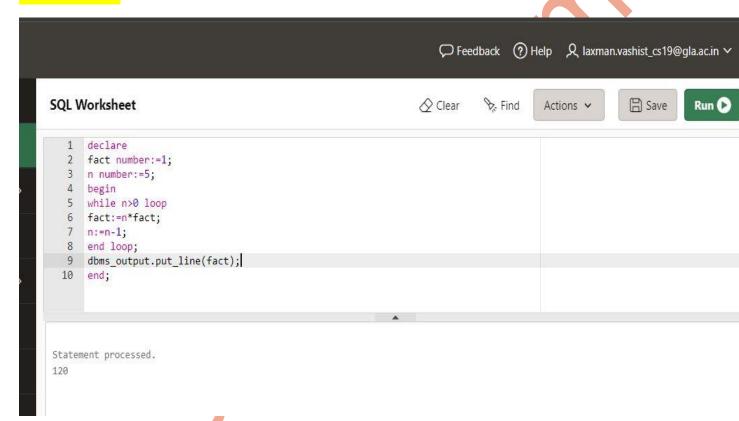
Subject Code → BCSC 0802

SubjectTeacher→ MRS. Gunjan
Bharadwaj









QUS 2 Write a PL/SQL code block to determine whether the number is prime or not.



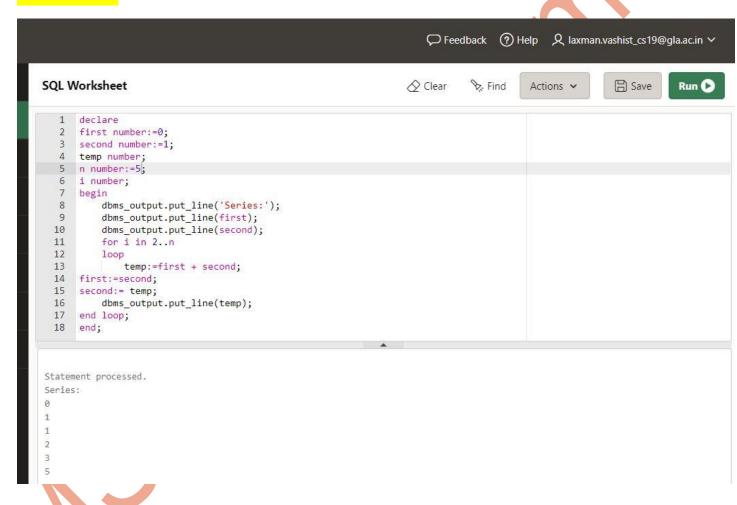


```
SQL Worksheet
                                                       Find
                                                                                      ☐ Save
                                                                                                Run 🔘
                                                                         Actions ~
  1 declare
  2 n number;
  3 i number;
4 temp number;
  5 begin
  6 n:= 13;
     i:=2;
  8 temp :=1;
        for i in 2..n/2
           loop
 10
 11
               if mod(n,i)=0
 12
 13
                  temp := 0;
 14
                  exit;
               end if;
 15
 16
            end loop;
 17
            if temp = 1
 18
 19
               dbms_output.put_line('True');
 20
 21
              dbms_output.put_line('False');
 22
            end if;
    end;
 24
Statement processed.
```

Qus 3 Write a PL/SQL code block to display neterms of a fibonacci series.







QUS 4 Write a PL/SQL code block to display the names and GPA of students from student table using an explicit cursor.





```
SQL Worksheet
                                                                         Find
                                                                                                 日 Save
                                                              Actions ~
                                                                                                            Run C
     declare
     cursor stu_cur is select * from student;
      stu_rec stu_cur%rowtype;
     begin
     open stu_cur;
  6
     loop
      fetch stu_cur into stu_rec;
  8 dbms_output.put_line('Student Name:'||stu_rec.sname||' GPA:' ||stu_rec.gpa);
     exit when stu_cur%NOTFOUND;
 10 end loop;
  11
     close stu_cur;
 12
      end;
 13
 14
Statement processed.
Student Name: Amy GPA: 3.9
Student Name: Bob GPA: 3.6
Student Name: Craig GPA:3.5
Student Name: Doris GPA: 3.9
Student Name: Edward GPA: 2.9
Student Name: Fay GPA:3.8
Student Name:Gary GPA:3.4
Student Name: Helen GPA:3.7
Student Name: Irene GPA:3.9
Student Name: Jay GPA: 2.9
Student Name: Amy GPA: 3.9
Student Name: Craig GPA:3.4
Student Name: Craig GPA:3.4
```

QUS 5 Write a PL/SQL code block that displays the names, GPA of students along with the grades of students after calculation from student table using an explicit cursor. Add a column grade to the student table; update the grades of students to the table after calculation. (The criteria of grade can be considered as grade = A if gpa>3.7; and grade = B, otherwise).



