Experiment 2.2

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**UID: 21BCS2211**

**Section: 222-A Semester: 3**

**Subject: Database Management System (21CSH-214)**

# Aim:

1. >Write a program in PL/SQL to print factorial of a number.
2. >Write a program in PL/SQL to check whether a number is prime or not using goto statement with for loop.

# Code:

/\* XYZ

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\*/ declare n number; fac number:=1; i number;

begin n:=5; for i in 1..n loop fac:=fac\*i; end loop;

dbms\_output.put\_line('factorial='||fac); end; /

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2.>

/\* XYZ 21BCS1222

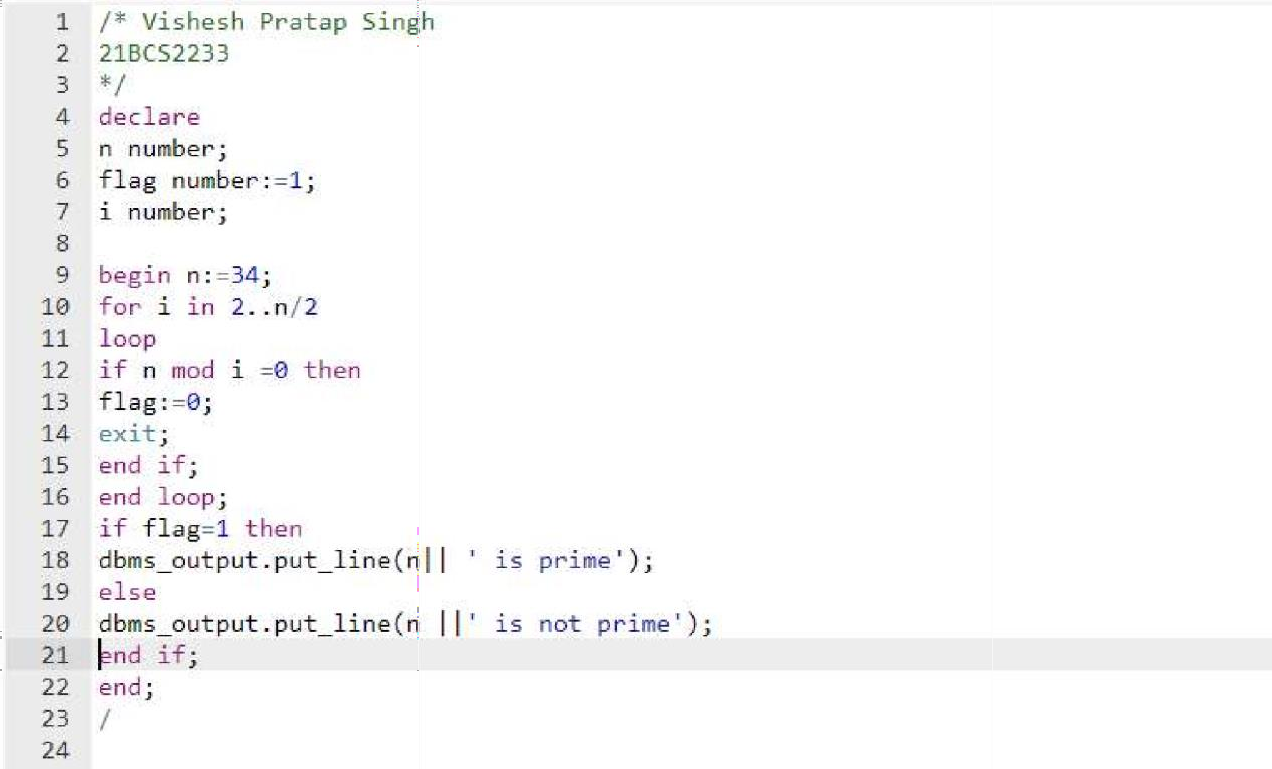
\*/ declare n number; flag number:=1; i number;

begin n:=34; for i in 2..n/2 loop if n mod i =0 then flag:=0; exit; end if; end loop; if flag=1 then

dbms\_output.put\_line(n|| ' is prime');

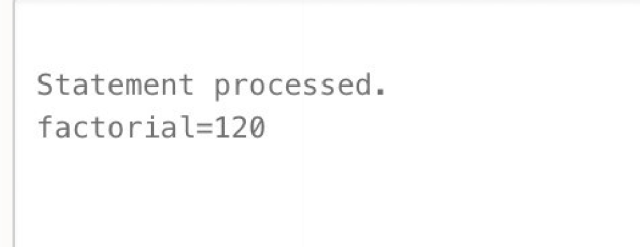
else dbms\_output.put\_line(n ||' is not prime'); end if;

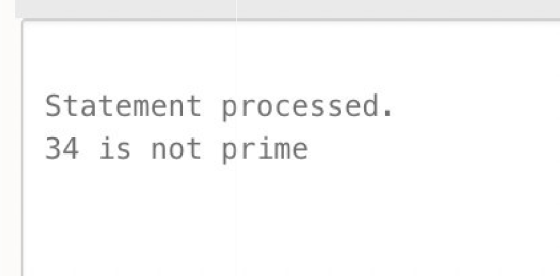
end; /



Outputs:

1.>



2.>