**PROGRAM 1 : PRINT HAI**

SQL> set serveroutput on

SQL> begin

dbms\_output.Put\_line('HAI');

end;

/

**OUTPUT**

****

**PROGRAM 2 : SUM OF TWO NUMBERS**

SQL> set serveroutput on

SQL> declare

num1 number;

num2 number;

num3 number;

begin

num1:=20;

num2:=15;

num3:=num1+num2;

dbms\_output.Put\_line('The sum of '||num1||' and '||num2||' is '||num3);

end;

/

**OUTPUT**

****

**PROGRAM 3 : PRINT FIRST N PRIME NUMBERS**

SQL> set serveroutput on

SQL> declare

i number(3);

j number(3);

begin

dbms\_output.put\_line('The prime numbers are:');

dbms\_output.new\_line;

i := 2;

loop

j := 2;

loop

exit when((mod(i,j)=0) or (j = i));

j := j+1;

end loop;

if(j = i) then

dbms\_output.put(i||' ');

end if;

i := i+1;

exit when i = 50;

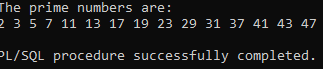
end loop;

dbms\_output.new\_line;

end;

/

**OUTPUT**

****

**PROGRAM 4 : FACTORIAL OF A NUMBER:**

SQL> set serveroutput on

SQL> declare

num number := 6;

fact number := 1;

temp number;

begin

temp := num;

while(temp>0)

loop

fact := fact\*temp;

temp := temp-1;

end loop;

dbms\_output.put\_line('factorial of'||num||' is' ||fact);

end;

/

**OUTPUT**



**PROGRAM 5 :FACTORIAL OF ANY NUMBER**

SQL> set serveroutput on

SQL> declare

fac number :=1;

n number := &1;

begin

while n>0

loop

fac := n\*fac;

n :=n-1;

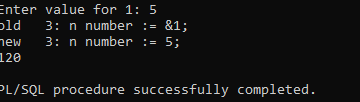
end loop;

dbms\_output.put\_line(fac);

end;

/

**OUTPUT**



**PROGRAM 6 : ADDITION OF A NUMBER**

SQL> declare

x number(5);

y number(5);

z number(7);

begin

x := 10;

y := 20;

z := x+y;

dbms\_output.put\_line('Sum is'||z);

end;

/

**OUTPUT**

****