SUM OF TWO NUMBERS

```
set serveroutput on;
Declare
var1 integer;
var2 integer;
var3 integer;
Begin
var1:=&var1;
var2:=&var2;
var3:=var1+var2;
dbms_output.put_line('SUM IS = '||var3);
End;
/
```

OUTPUT

```
Enter the value of Var1: 10
Enter the value of Var2: 7
SUM IS 17
```

LARGEST OF THREE NUMBERS

```
set serveroutput on;
Declare
a number;
b number;
c number;
Begin
a:=&a;
b:=&b;
c:=&c;
if(a>b) and (a>c)
then
dbms_output.put_line('A IS THE GREATEST '||A);
elsif(b>a) and (b>c)
then
dbms_output.put_line('B IS THE GREATEST '||B);
else
dbms_output.put_line('C IS THE GREATEST '||C);
end if;
End;
/
```

OUTPUT

```
Enter the value of a: 5
Enter the value of b : 10
Enter the value of c : 8
B IS GREATEST 10
```

FACTORIAL OF A NUMBERS

```
set serveroutput on;
Declare
i number(4):=1;
n number(4):=&n;
f number(4):=1;
begin
for i in 1..n
loop
f:=f*i;
end loop;
dbms_output.put_line('THE FACTORIAL OF '||n||' IS: '||f);
End;
/
```

OUTPUT

```
Enter the value of n : 5
THE FACTORIAL OF 5 IS: 120
```

FIBONACCI SERIES

```
set serveroutput on;
Declare
first number:=0;
second number:=1;
third number;
n number:=&amp;amp;n;
i number;
Begin
dbms_output.put_line('Fibonacci series is:  ');
dbms_output.put_line(first);
dbms_output.put_line(second);
for i in 2..n
loop
third:=first+second;
first:=second;
second:=third;
dbms_output.put_line(third);

end loop;
End;
/
```

OUTPUT

```
Enter the value of n: 5
Fibonacci Series is:
0
1
1
2
3
5
```

REVERSE OF A NUMBER

```
set serveroutput on;
Declare
n number;
i number;
rev number:=0;
r number;

Begin
n:=&n;

while n>0
loop
r:=mod(n,10);
rev:=(rev*10)+r;

n:=trunc(n/10);
end loop;

dbms_output.put_line('Reverse is '||rev);
End;
/
```

OUTPUT

```
Enter the value of n: 5671
Reverse is: 1765
```

STRING PALINDROME

```
set serveroutput on;
Declare
len number;

palstr varchar2(20) := '&palstr';
chkstr varchar2(20);

Begin
len := length(palstr);
for i in REVERSE 1..len loop chkstr := chkstr||substr(palstr,i,1);
end loop;
if chkstr = palstr then
dbms_output.put_line(palstr||' is a PALINDROME');
else
dbms_output.put_line(palstr||' is not a PALINDROME');
end if;
End;
/
```

OUTPUT

```
Enter the value of palstr: hello
hello is not a PALINDROME

Enter the value of palstr: racecar
racecar is a PALINDROME
```

PROGRAM TO STORE EVEN & ODD NUMBERS FROM 1-20

```
set serveroutput on;
CREATE TABLE EVEN1(nos number(2));
CREATE TABLE ODD1(nos number(2));
Declare
n number:=&n;

Begin
for i in 1..n loop
if mod(i,2)=0
then
INSERT INTO EVEN1 values(i);
else
INSERT INTO ODD1 values(i);
end if;
end loop;
End;
SELECT * from EVEN1;
SELECT * from ODD1;
/
```

OUTPUT

```
Enter the value of n: 20
```

NOS		NOS	
1	2	1	1
2	4	2	3
3	6	3	5
4	8	4	7
5	10	5	9
6	12	6	11
7	14	7	13
8	16	8	15
9	18	9	17
10	20	10	19