

7. A Cursor program  
Ex. 7.

Write a PL/SQL cursor program which is used to calculate total salary from emp table without using sum() function

```
create table emp

(
eno number(4) primary key,
  ename varchar2(10),
  sal number(8,2)
);

insert into emp values(103,'suman',45000);
insert into emp values(105,'Neeta',56000);

Declare

v_ename varchar2(10);
v_eno varchar2(10);
v_sal number(8);
  x number(8,2):=0;

cursor cl is
select ename,eno,sal from emp;          --Declaring Cursor

BEGIN
```

```

open cl;  --Opening Cursor.

    loop

fetch cl into v_ename,v_eno, v_sal;--Fetching

exit when cl %notfound;

        dbms_output.put_line(v_ename||' '|| v_eno||' '||v_sal);

        x:=x+v_sal;

    end loop;

close cl;  --Closing Cursor.

dbms_output.put_line('Total salary is '||x);

end;

/

```

Output:

```

suman    103    45000
Neeta    105    56000
Total salary is 101000

```