--Function 1

CREATE or replace function player\_stats\_r

(

first\_name\_param VARCHAR2,

last\_name\_param VARCHAR2

)

RETURN NUMBER

AS RM NUMBER;

BEGIN

select R AS plate\_Appearance INTO RM from players

where first = first\_name\_param and last = last\_name\_param;

RETURN RM;

END;

select player\_stats\_r('Lorenzo','Cain') as runs\_scored from dual;

--Function 2

CREATE or replace function player\_stats\_wts

(

first\_name\_param VARCHAR2,

last\_name\_param VARCHAR2

)

RETURN NUMBER

AS WTS NUMBER;

BEGIN

select BB/SO AS Walk\_to\_strikeout INTO WTS from players

where first = first\_name\_param and last = last\_name\_param;

RETURN WTS;

END;

select player\_stats\_wts('Lorenzo','Cain') as Walk\_to\_strikeout from dual;

-- Function 3

CREATE or replace function player\_stats\_xbh

(

first\_name\_param VARCHAR2,

last\_name\_param VARCHAR2

)

RETURN NUMBER

AS XBH NUMBER;

BEGIN

select (DOUBLE + TRIPLE + HR) AS Extra\_base INTO XBH from players

where first = first\_name\_param and last = last\_name\_param;

RETURN XBH;

END;

select player\_stats\_r('Lorenzo','Cain') as Extra\_base from dual;

--Function 4

CREATE or replace function player\_stats\_t

(

first\_name\_param VARCHAR2,

last\_name\_param VARCHAR2

)

RETURN NUMBER

AS TB NUMBER;

BEGIN

select H + DOUBLE + (2 \* TRIPLE) + (3 \* HR) AS plate\_Appearance INTO TB from players

where first = first\_name\_param and last = last\_name\_param;

RETURN TB;

END;

select player\_stats\_t('Lorenzo','Cain') as Total\_base from dual;

-- Function 5

CREATE or replace function player\_stats\_tob

(

first\_name\_param VARCHAR2,

last\_name\_param VARCHAR2

)

RETURN NUMBER

AS TOB NUMBER;

BEGIN

select (H + BB + HBP) AS time\_on\_base INTO TOB from players

where first = first\_name\_param and last = last\_name\_param;

RETURN TOB;

END;

select player\_stats\_tob('Lorenzo','Cain') as time\_on\_base from dual;

create or replace FUNCTION time\_on\_base(

first\_name\_param VARCHAR2,

last\_name\_param VARCHAR2

)

return number

as t\_o\_base number;

begin

select (H + BB + HBP)

into t\_o\_base

FROM players

where First=first\_name\_param

and Last=last\_name\_param;

return t\_o\_base;

end;

select \* from players;