```
BUTTANCE ALCOHOL OF PROPERTY OF
, a) SQRT()
   select sgot (64) from dual
  b) last-dayl)
    select last-day ('17 - june - 2010') from dual
     [ast-day ('17-june. 2010')
      30-JUN-10
i employees reporting to president
  select es ename subordinates, ea ename president
  from employée ei, employée ca, job j
   where ei.mgr_no = ex. empno and
   ea.job = j-j'code and
   j. name = 'president's politicalises 100
3. Display the names of employees whose names
  have second alphabet A in their namer.
   select ename
 where ename, the works realisment of
 que finds names of saidors who have reserved both
Burrand redpribation jani tog tugino mat
  Select S. sname Reserves R. Boats B. d. and B. co
   Where sosid = Rosid and Robid = Bobid and Bocolor
   INTERSECT
   from Sailon S2, Boats B2, Reserves R2
   where sa. sid = Ra. sid and Ra. bid = Ba. bid and
     Ba. color = 'blue'
```

```
min age at each ter.
                                                                                        naving
                  M Names of sailors
                                                                                         nest constant him deat
                                    Trust condition from 2016 ) - have disting
                                                                      institute of perstagne surplient
        stelf elemant submaria exercine president
                                             program to display a sailor details with
     6. PL/ 10T
                                                                west enough no - excompant and
                Sid=31.
                                                                                                            born showing defices
                   Dulare
                                                     sailors. sid · l. type: = 3 1/2009
                             v-sid
                      v-sname sailors sname · l. type;
                           v-vating sailors vating litype;
                                                                                                                                    office engine
             begin
                          select sname realing, age ento usname, v-rating,
          V-age. from sailors where sid = v-sid;
dbms-output put-line ('sailor name is' 11v_sname);
           dbms-output.put_line('sailor cating'is 'Ilv_rating);
            dbms-output put-line l'sailor age is: 'Ilv-age);
    End; & bus billard = bid is then block = busy second
                                                                                                                                               INTERMENT
                                                                                                                               March Comment
                                          the range State State Control of the State of the Age o
                     him bidio at the Keigh and Leights British and
                                                                                                                   South's Charles
                                                                                                                           Scanned with CamScanner
```

```
Set ate:
  select syrdate from dual;
   syldate
                       Eachterney, judge
   01-DFC-2020
imployee name whose name ends with alphabet is.
 selter ename; molovee telles soloris mis light region and
 stitci ename;
province Like 10/05:
imployée names of accounting department:
 from Employee e, Dept d'il brust-and man
 Where e-deptho = d-deptho AND
      diname = 'accounting'
  No Data found.
                    office name in position
 4 Sailon name reserved boat no: 103
   select s.sname
  where social = rosid and robid=103.
   from Sailors S, Reserves r
                                                 it
 5. color of boats teserved by cailor name 'suity'.
  Where sisid= \gamma cid and b. bid=\gamma. bid and signame
  Hom Reserver Y, Sailors 5, Boats 6.
                                       = 'mity'
```

6. pl/sql program for sailor using 1. now type data type. Dellare u-id sailors · sid · l·type; snow sailors how type; begin Vid:= &Vid: that seeds walks Select \* into sow-from sailors where sid=v-id; d'sms-output put-line l'sailor name is: 11 srow sname); doms-output · put\_line (!sailors rating is: ! llsrow rating); dbms-output put line Gisailors age is: 11 srow-age); exception when no-data-found then disher with given sid'); end; spiritum ino. - summi No Data Round. name is: Dustin O[p: Sailors rating is 7000 bovons amba man sailors age is: 45. serve somme Sailors from Sailors & Reserves r where residential and rebide 103 clos of boats through by with many summit alut bi color tion tennet resolves seemen be whole sistles and published and comme i jahlur!

et Sistemme nevip a to remain har in 18115. (a) CONCAT(). select concat ('Andhra', 'Pradesh') from dual. b) Next-Day() select next-day ('15-sept-12', 'mon') from Dual

NERT\_DAY(15-SEPT-12', 'MON') 17-Sept-12

J. Display the employee number and name who do not earn any commission

select ename, empnonent and one of the from Employee commission is null where

3. White the job functions of all the employees who managers of othersoil employees it is select distinct ea ename managers, je jname jobs from Employee e1 = Employee ea, job j'bris ei.mgr-no = ea. empno and ti bus Setum 2: ulhere ea.job = j. jcode

4. Find sid of cailors who reserved red boatings

(Felect 115. sidi inication 115) Reserves Junious Linds
From Socilors \$, Boats b, Reserves Junious Linds where an b. bid = r. bid and b. color bised'

5. Find age of youngest sailor for each rating level select s. rating, min(s.age) From sailors S Choup By sorating.

```
G. PIJSOL to find latterial of a given number
            by using function.
            Declare land word ('drobad', 'sollow') horses in
                    a number;
            function fact (n in number)
                      return numbernam, in 1932 21) und land
                      is
                       2 number:
         Begin
                         it neo then one isdicion repolation all
                                    2:=1; multiple mailings from the state of th
                      else if n=1 or n=0 then similar small
                                                                                                         ... Employee
                                 2:=1;
                      else out thun is assimmed the
          the jeb functions of all the employed to
                              for i in a systema loop and to response
    clert distinct ex- mans ikings = : simme fobs
                      end i loop; Les sofolgans : 15 sopolant non
                     end if; the one one of the sense of the
           return 2;
                                                                                   ex\cdot jeb = j\cdot j code
           Begintand has basesses and realism to his limit
                     a = & a;
                   dbms_output.put_line (a 11 'factorial is: 11 fact (a));
        brend island but bider bider bided was acally
riad one of yourgest railor for rath ration level
                                                                             seek strating in Nessel
                                                                                                                San Marin Carlot
                                                                                               word by an inc.
```

est morning to breedle distanting (. a) sysdale b) RPAD() select spad (' rahini', 10, @') rpad ('RAHINI' 110,'@') rahini@@@@ 2. Display the names of all employees who are working in depart number 10 "old selection ename and and and aling. hopher sends from Employee Harry College Harry where deptho=10, grilling higher

30

y. find colors of boats reserved by Lubber from soulors s, Reserves R, Booth B Where social = kosid and Robid = Bobid and cosname = 'Lubber'. 5. Names of sailors atleast one boat Select signame from sailors s, Reserves R where socid = Rocid

of our word

```
6. PIJSOL program to handle divide by 900
          exception
            Dellare
                                a number := La; wider ') bogo bus
                                              number :=0;
                                      c number; 150000 in illumasion bond
                                                                                                                                   radinia 900 cm
            Begin
               200 C=alp; 1934 algun Ins to remon my holder:
                              when tero-divide then tongs of
                                          dbms-output. put_line ("Attempt to divide by 200")
                                                                                                                                                            smpleyee
                                 When others then
                                              dbms - output put line ("An exception is vaised
                     in program");
                  end;
                              continue and the first the second beautiful to the sec
                                                              A After Called a continue of the Called Called
                                                  and the second second
                                                                                                                             Comme " Unbless".
                                                                                        are beauty
```