

PL/SQL Programs and Outputs

1. Write a PL/SQL program to print the following values

```
0      if a = 0
1      if a > 0
-1     if a < 0
```

Program:

```
declare
a number:=&a;
begin
if a=0 then
dbms_output.put_line('0');
elsif a>0 then
dbms_output.put_line('1');
else
dbms_output.put_line('-1');
end if;
end;
```

Output:

```
Enter value for a: 5
old 2: a number:=&a;
new 2: a number:=5;
1
```

2. Write a PL/SQL program to retrieve records from the sailors table using cursor

Program:

```
declare
s_id number(2);
s_name varchar2(20);
s_rating number(2);
s_age number(3,1);
cursor c_sailors is select sid,sname,rating,age from sailors;
begin
open c_sailors;
loop
fetch c_sailors into s_id,s_name,s_rating,s_age;
dbms_output.put_line(s_id||' '||s_name||' '||s_rating||' '||s_age);
exit when c_sailors%notfound;
end loop;
close c_sailors;
end;
```

Output:

```
22 dustin 7 45
29 brutus 1 33
31 lubber 8 55.5
32 andy 8 25.5
```

58 rusty 10 35
64 horatio 7 35
71 zorba 10 16
74 horatio 9 35
85 art 3 25.5
95 bob 3 63.5