

18. TRIGGER:

```
CREATE TABLE Employee
```

```
(
```

```
    Id INT PRIMARY KEY,
```

```
    Name VARCHAR(45),
```

```
    Salary INT,
```

```
    Gender VARCHAR(12),
```

```
    DepartmentId INT
```

```
)
```

```
CREATE TABLE Audit2
```

```
(
```

```
    Salary INT
```

```
) ;
```

```
INSERT INTO Employee VALUES (1,'Steffan', 82000, 'Male', 3);
```

```
INSERT INTO Employee VALUES (2,'XYZ', 79000, 'Female', 4);
```

```
CREATE OR REPLACE TRIGGER display_salary_changes
```

```
BEFORE DELETE OR INSERT OR UPDATE ON Employee
```

```
FOR EACH ROW
```

```
WHEN (NEW.ID > 0)
```

```
DECLARE
```

```
    sal_diff number;
```

```
BEGIN
```

```
    dbms_output.put_line('Old salary: ' || :OLD.salary);
```

```
    sal_diff:= :OLD.salary;
```

```
dbms_output.put_line('New salary: ' || :NEW.salary);  
insert into Audit2 values(sal_diff);  
END;
```

```
update Employee set salary=85080 where id=2;
```

```
select * from Audit2;
```