# INTEGRATION TESTING:

**Integration testing is the second level of the software testing process after unit testing. In this testing, units or individual components of the software are tested in a group. The focus of the integration testing level is to expose defects at the time of interaction between integrated components or units.**

## TESTING ALL FUNCTIONALITIES

### User interfaces:

cg87-user20@instance-1: ~/project/admin

```
cg87-user20@instance-1:~/project/admin$ ./sports

Sports File is not there to read from

Teacher File is not there to read from
Choose whether you are the Admin or Teacher
1.For Admin
2.For Teacher
3.Exit
Enter the choice :1
Enter password:
```

### ADMIN ACCESS

cg87-user20@instance-1: ~/project/admin

```
-----------------------------------------------------------------

               ADMIN ACCESS FOR SPORTS DATABASE

-----------------------------------------------------------------

1.Maintain Sports Database
2.Maintain teacher database
3.Reports
4.Go back to main menu

Enter your choice :2
```

# ADMIN ACESS FOR SPORTS DATABASE

```
--------------------------------------------------------------

                    MAINTAIN SPORTS DATABASE


--------------------------------------------------------------
1. Add SPORTS Data
2. Edit SPORTS Data
3. Delete SPORTS Data
4. View SPORTS Data
5. Go to Admin Corner
Enter your choice :
```

# ADMIN ACCESS FOR  TEACHER DATABASE

```
--------------------------------------------------------------

                    MAINTAIN TEACHERS DATABASE


--------------------------------------------------------------
1. Add Teacher Data
2. Edit Teacher Data
3. Delete Teacher Data
4. View Teacher  Data
5. Go to Admin Corner
Enter choice :1
Enter the teachers ID :1
Enter the teacher name :Teena
```

# ADMIN ACCESS FOR REPORTS

cg87-user20@instance-1: ~/project/admin

```
                    SPORTS REPORT
--------------------------------------------------------------
1.View the results
2.List of sports pending for the year
3.View all 1st placed students across various sports
4.Most popular sport
5.List of teachers who successfully completed their sports
6.Go to main menu


Enter choice-1
```

# REPORT:VIEW RESULTS

```
                        SPORTS REPORT
----------------------------------------------------------------------
1.View the results
2.List of sports pending for the year
3.View all 1st placed students across various sports
4.Most popular sport
5.List of teachers who successfully completed their sports
6.Go to main menu

Enter choice-1

                        WINNERS LIST
----------------------------------------------------------------------
SPORTSID WINNER1 WINNER2 WINNER3
----------------------------------------------------------------------
101      Ramu      Sheela   Raja
 102      Kathir    Ram      Kumar
 103      Deepa     Shamu    Abi
 104      Sam       Quency   Raju
 105      Raman     Bala     Samy
 106      Meena     Raji     Sheela
 107
```

# REPORT:SPORTS PENDING  RESULT

```
                        SPORTS REPORT
-------------------------------------------------------------------------
1.View the results
2.List of sports pending for the year
3.View all 1st placed students across various sports
4.Most popular sport
5.List of teachers who successfully completed their sports
6.Go to main menu

Enter choice-2

                    SPORTS PENDING LIST
-------------------------------------------------------------------------
SPORTSID     TEACHERID     NAME
-------------------------------------------------------------------------
107              3             running
```

# REPORT:1ST PLACED STUDENTS

```
                        SPORTS REPORT
---------------------------------------------------------------------
1.View the results
2.List of sports pending for the year
3.View all 1st placed students across various sports
4.Most popular sport
5.List of teachers who successfully completed their sports
6.Go to main menu

Enter choice-3

                    FIRST PLACED  WINNERS LIST
---------------------------------------------------------------------
SPORTSID      SPORTS-NAME    WINNER1
---------------------------------------------------------------------
101           Longjump                   Ramu
 102          Highjump                   Kathir
 103          Tripplejump                Deepa
 104          shortput                   Sam
 105          discusthrow                Raman
 106          javelin           Meena
 107          running
```

# REPORT:MOST POPULAR SPORT

```
                        SPORTS REPORT
---------------------------------------------------------------------
1.View the results
2.List of sports pending for the year
3.View all 1st placed students across various sports
4.Most popular sport
5.List of teachers who successfully completed their sports
6.Go to main menu

Enter choice-4

                MAXIMUM STUDENTS REGISTERED SPORT
---------------------------------------------------------------------
The sports id and sports name is 107 running
most popular sport is 39
```

# REPORT:EVENT COMPLETED TEACHERS

```
                        SPORTS REPORT
---------------------------------------------------------------------
1.View the results
2.List of sports pending for the year
3.View all 1st placed students across various sports
4.Most popular sport
5.List of teachers who successfully completed their sports
6.Go to main menu

Enter choice-5
EVENT COMPLETED SPORTS TEACHER
---------------------------------------------------------------------
TEACHER-ID      SPORTS-NAME
---------------------------------------------------------------------
1           Longjump
1           Highjump
1           Tripplejump
2           shortput
2           discusthrow
2           javelin
```