**DBMS Project 1**

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**Section: How to Run the Program**

**Compile the program using the command ‘javac DBMSProj1.java’**

Run the Program using the command ‘java DBMSProj1’

**Section: Implemented Queries**

SELE\_{Payment > 80} Play - SELECT

PROJ\_{ANO, MNO} Play - PROJECT

ACTORS \* Play - \*

PROJ\_{ANO} (ACTORS \* Play) PROJECT, \*

(PROJ\_{ANO} (SELE\_{Payment > 80} Play)) - (PROJ\_{ANO} (SELE\_{Payment < 70} Play)) - SELECT,PROJECT,Difference

(PROJ\_{ANO} (SELE\_{Payment > 80} Play)) U (PROJ\_{ANO} (SELE\_{Payment < 70} Play))(PROJ\_{ANO}- SELECT,PROJECT,UNION

**Section: Two Screenshots**

For Query 3:

**Text

Description automatically generated**

For Query 4:

**Table

Description automatically generated**

**Section : Outputs Produced:**

SELE\_{Payment > 80} Play

ANO,MNO,Payment,

A2,M2,83,

A2,M3,88,

A2,M4,86,

A3,M3,89,

A4,M3,85,

A6,M3,88,

PROJ\_{ANO, MNO} Play

A1,,M1,

A1,,M2,

A2,,M2,

A2,,M3,

A2,,M4,

A3,,M2,

A3,,M3,

A4,,M2,

A4,,M3,

A4,,M4,

A5,,M1,

A5,,M3,

A5,,M4,

A6,,M2,

A6,,M3,

A6,,M4,

ACTORS \* Play

ANAME,ANO,MNO,Payment,

L Grassy,A1,M1,78,

L Grassy,A1,M2,80,

D Flower,A2,M2,83,

D Flower,A2,M3,88,

D Flower,A2,M4,86,

M Trunk,A3,M2,74,

M Trunk,A3,M3,89,

J Swanson,A4,M2,75,

J Swanson,A4,M3,85,

J Swanson,A4,M4,55,

T Branch,A5,M1,58,

T Branch,A5,M3,56,

T Branch,A5,M4,55,

L Leafy,A6,M2,77,

L Leafy,A6,M3,88,

L Leafy,A6,M4,54,

PROJ\_{ANO} (ACTORS \* Play)

ANO

A1

A1

A2

A2

A2

A3

A3

A4

A4

A4

A5

A5

A5

A6

A6

A6

(PROJ\_{ANO} (SELE\_{Payment > 80} Play)) - (PROJ\_{ANO} (SELE\_{Payment < 70} Play))

ANO

A2

A2

A2

A3

(PROJ\_{ANO} (SELE\_{Payment > 80} Play)) U (PROJ\_{ANO} (SELE\_{Payment < 70} Play))(PROJ\_{ANO}

ANO

A2

A3

A4

A5

A6