Consider one super store which sales following category items.

Main Item: Mobile Phone

Company: Samsung/Vivo/Oppo/Other

Battery: InBuilt, External

Simcard: Single/Double

OS: Android/Ios/Other

Display Size: Small/Medium/Large

ScreenType: Crystal/Simple

ChargerType: Simple/C-Type

Prepare appropriate ARFF dataset and generate following output.

1. Best sell phone with 2 item sets

Company=Samsung 13 ==> OS=Android 12 <conf:(0.92)> lift:(1.48) lev:(0.16) [3] conv:(2.44)

1. Best sell phone with 3 item sets.

Company=Samsung ChargerType=C-Type 12 ==> OS=Android 12 <conf:(1)> lift:(1.6) lev:(0.19) [4] conv:(4.5)

Consider following scenario and prepare ARFF file for the same.

Students information:

HSC Stream: Science/Commerce/Arts

HSC Class: FirstClass/SecondClass/PassClass

Graduation: BCA/B.Sc./Other

Graduation Class: FirstClass/SecondClass/PassClass

Graduation Major Subject: WebApplication/MobileApplication.

PG Major Course: MCA, M.Sc. (IT), MCom, MBA

Ans the following:

1. Which graduation degree most likely to go with MBA? Paste the appropriate rule

Graduation=BBA PG\_Major\_Course=MBA 4 ==> HSC\_Stream=Commerce 4 <conf:(1)> lift:(1.55) lev:(0.08) [1] conv:(1.41)

1. What is impact of HSC Class attribute in PG course selection? Paste the most affective rule.

HSC\_Class=FirstClass PG\_Major\_Course=MCom 5 ==> HSC\_Stream=Commerce 5 <conf:(1)> lift:(1.43) lev:(0.08) [1] conv:(1.5)