

```
NOM = "MONTIBERT"
Prenom = "Louis"
Classe = "MPSI2"
alpha="18"
```

```
## Question 1
```

```
Q1_req = "SELECT CLI_NOM, CLI_PRENOM, TIT_CODE
FROM T_CLIENT ;"
```

```
## Question 2
```

```
Q2_req = "select count(*) as nb_client from T_CLIENT"
Q2_res = "95"
```

```
## Question 3
```

```
Q3_req = "SELECT CLI_NOM, CLI_PRENOM FROM T_CLIENT where TIT_CODE='Mme.' "
```

```
## Question 4
```

```
Q4_req = "SELECT CLI_NOM, CLI_PRENOM, TIT_CODE FROM T_CLIENT where TIT_CODE='Mme
.' or TIT_CODE='Melle.' "
```

```
## Question 5
```

```
Q5_req = "SELECT count(*) FROM T_CLIENT where TIT_CODE='Mme.' or TIT_CODE='Melle
.' ;"
Q5_res = "16"
```

```
## Question 6
```

```
Q6_req = "SELECT CLI_NOM as Noms, CLI_PRENOM as Prénoms FROM T_CLIENT where TIT_
CODE='Mme.' or TIT_CODE='Melle.' order by Noms"
```

```
## Question 7
```

```
Q7_req = "select T_CLIENT.CLI_NOM as Noms, T_TELEPHONE.TEL_NUMERO from T_CLIENT
join T_TELEPHONE on T_TELEPHONE.CLI_ID=T_CLIENT.CLI_ID where T_TELEPHONE.TYP_COD
E='TEL' "
```

```
## Question 8
```

```
Q8_req = "SELECT CLI_NOM from T_CLIENT group by CLI_NOM having count(CLI_NOM)>1"
```

```
## Question 9
```

```
Q9_req = "SELECT CLI_NOM, count(cli_nom) from T_CLIENT group by CLI_NOM having c
ount(CLI_NOM)>1"
Q9_res = "BENATTAR      2
MARTIN      3"
```

```
## Question 10
```

```
Q10_req = "select avg(LIF_remise_pourcent) as moyenne_pourcent, avg(LIF_remise_m
ontant) from T_LIGNE_FACTURE"
Q10_res = "remise_pourcentage=33.0, remise_montant=67.0"
```

```
## Question 11
```

```
Q11_req = "SELECT max(LIF_remise_pourcent) as max_pourcent, max(LIF_remise_monta
nt) as max_montant from T_LIGNE_FACTURE"
Q11_res = "max_pourcentage=33, max_montant=67"
```

```
## Question 12
```

```
Q12_req = "select FAC_ID as fact_id1 from T_LIGNE_FACTURE where LIF_REMISE_MONTA
NT>0 or LIF_REMISE_POURCENT>0"
```

```
## Question 13
```

```
Q13_req = "select T_facture.CLI_ID from T_FACTURE join T_LIGNE_FACTURE on T_LIGN
E_FACTURE.FAC_ID=T_FACTURE.FAC_ID where LIF_REMISE_MONTANT>0 or LIF_REMISE_POURC
ENT>0"
```

```
## Question 14
```

```
Q14_req = "SELECT T_FACTURE.CLI_ID
FROM T_FACTURE"
```

EXCEPT

```
SELECT T_FACTURE.CLI_ID
FROM T_FACTURE, T_LIGNE_FACTURE
WHERE (LIF_REMISE_POURCENT>0 OR LIF_REMISE_MONTANT>0) AND T_FACTURE.FAC_ID=T_LIGNE_FACTURE.FAC_ID"
```

## Question 15

```
Q15_req = "select T_CLIENT.CLI_NOM,T_CLIENT.CLI_PRENOM, max(nb_reduc) from
(select T_FACTURE.CLI_ID,count(T_FACTURE.CLI_ID) as nb_reduc from T_FACTURE join
T_LIGNE_FACTURE on T_LIGNE_FACTURE.FAC_ID=T_FACTURE.FAC_ID where LIF_REMISE_MONTANT>0 or LIF_REMISE_POURCENT>0 group by CLI_ID) as c
join T_CLIENT on T_CLIENT.CLI_ID=c.CLI_ID"
Q15_res ="GARREAU,Paul,22"
```