

Q নিচের Upload এবং UploadDetails দুইটি টেবিল থেকে Result টেবিল অনুযায়ী অউটপুট বের করার SQL কমান্ড লিখ?

Table: Upload		
ID	InstituteName	Subject
001	Lalmatia Mohila College	Physics 1st Paper
002	Lalmatia Mohila College	ICT
003	Lalmatia Mohila College	Physics 2nd Paper
004	Hamdard Public College	English 2nd Paper
005	Hamdard Public College	Bangla 1st Paper
006	Hamdard Public College	Bangla 2nd Paper

(Fig: Upload Table)

Table: UploadDetails			
ID	UploadID	UploadType	FileName
1	001	MCQ	001-PHY1-MCQ-001.pdf
2	001	MCQ	001-PHY1-MCQ-002.pdf
3	002	CQ	002-ICT-CQ-001.pdf
4	002	MCQ	002-ICT-MCQ-001.pdf
5	002	MCQ	002-ICT-MCQ-002.pdf
6	003	CQ	003- PHY2-CQ-001.pdf
7	003	CQ	003- PHY2-CQ-002.pdf
8	003	MCQ	003- PHY2-MCQ-002.pdf
9	005	CQ	005- BN1-CQ-001.pdf
10	005	MCQ	005- BN1-MCQ-001.pdf
11	005	MCQ	005- BN1-MCQ-002.pdf
12	006	CQ	006- BN2-CQ-001.pdf
13	006	CQ	006- BN2-CQ-002.pdf
14	006	MCQ	006- BN2-MCQ-001.pdf
15	006	MCQ	006- BN2-MCQ-002.pdf

(Fig: UploadDetails Table)

Result:				
UploadID	InstituteName	Subject	CQ	MCQ
001	Lalmatia Mohila College	Physics 1st Paper	0	2
002	Lalmatia Mohila College	ICT	1	2
003	Lalmatia Mohila College	Physics 2nd Paper	2	1
005	Hamdard Public College	Bangla 1st Paper	1	2
006	Hamdard Public College	Bangla 2nd Paper	2	2

(Fig: Result Table)

SQL Command:

```
SELECT t2.UploadID, t1.InstituteName, t1.Subject,
(SELECT COUNT(*) AS MCQ FROM dbo.UploadDetails
WHERE (UploadID = t2.UploadID) AND (UploadType = 'CQ')) AS CQ,
(SELECT COUNT(*) AS MCQ FROM dbo.UploadDetails AS UploadDetails_1
WHERE (UploadID = t2.UploadID) AND (UploadType = 'MCQ')) AS MCQ
FROM dbo.Upload AS t1 INNER JOIN dbo.UploadDetails AS t2 ON t1.ID = t2.UploadID
GROUP BY t2.UploadID, t1.InstituteName, t1.Subject
```