**Aufgabe 1:**

***Teilaufgabe a)***

|  |  |
| --- | --- |
| CREATE TABLESPACE ts1307192  DATAFILE '/.../ ts1307192.dbf'  SIZE 5000K (5M)  AUTOEXTEND ON NEXT 1M  PERMANENT; | siehe Folie 1/24 |

***Teilaufgabe b)***

SELECT DISTINCT name

FROM v\_$datafile;

SELECT DISTINCT

DECODE ( INSTR(name, ':',1),

0,

SUBSTR(name,1,INSTR(name, '/',-1)),

SUBSTR(name,1,INSTR(name, '\',-1))

)

FROM v$datafile;

***Teilaufgabe c)***

|  |  |
| --- | --- |
| SELECT default\_tablespace  FROM user\_users  WHERE username = '1307192'; | siehe Folie 1/26  → alle Informationen über mich |
| SELECT default\_tablespace  FROM all\_users; | → alle Informationen über jeden |

***Teilaufgabe d)***

DESCRIBE USER\_FREE\_SPACE;

SELECT \* FROM user\_free\_space;

SELECT SUM(bytes) FROM user\_free\_space;

**Aufgabe 2:**

SELECT 'A', b0.kunde, b0.datum, b0.betrag

FROM bestellungen b0

WHERE b0.datum = (SELECT MAX(b2.datum)

FROM bestellungen b2

WHERE b0.kunde = b2.kunde)

UNION

SELECT 'B', b0.kunde, b0.datum, b0.betrag

FROM bestellungen b0

WHERE b0.datum = (SELECT MAX(b1.datum)

FROM bestellungen b1

WHERE b1.datum < (SELECT MAX(b2.datum)

FROM bestellungen b2

WHERE b0.kunde = b2.kunde)

AND b0.kunde = b1.kunde)

ORDER BY kunde, datum DESC;

SELECT a.kunde, a.datum, a.betrag

FROM bestellungen a

WHERE 2 >= (SELECT COUNT(\*)

FROM bestellungen b

WHERE b.kunde = a.kunde AND b.datum >= a.datum)

ORDER BY kunde, datum DESC;

SELECT kunde, datum, betrag

FROM (SELECT kunde, datum, betrag,

row number() OVER (PARTITION BY kunde ORDER BY datum DESC) AS orderno

FROM bestellungen)

WHERE orderno <= 2;