

3.a

```
select *, SYSTEM_USER  
From fudgemart_products  
Where product_department = 'Sporting Goods'
```

3.b

```
select employee_lastname,employee_firstname,employee_department,employee_hourlywage, SYSTEM_USER  
From fudgemart_employees  
where employee_hourlywage > 15 AND employee_department = 'Customer Service'
```

3.c

```
alter table fudgemart_products  
ADD product_markup int  
update fudgemart_products  
set product_markup = product_retail_price - product_wholesale_price  
select top(5) product_name, product_department, product_retail_price, product_wholesale_price,  
product_markup, SYSTEM_USER  
From fudgemart_products  
order by product_markup desc
```

3.d

```
alter table fudgemart_employees  
ADD employee_name varchar(25)  
update fudgemart_employees  
set employee_name = employee_firstname + ' ' + employee_lastname  
select top(2) employee_name, employee_hourlywage, SYSTEM_USER  
from fudgemart_employees  
order by employee_hourlywage desc
```

3.e

```
select top(10) timesheet_id, timesheet_payrolldate, timesheet_employee_id, timesheet_hours, SYSTEM_USER  
from fudgemart_employee_timesheets  
order by timesheet_hours desc
```

3.f

```
select vendor_name,product_department, product_name, SYSTEM_USER  
from fudgemart_products  
left join fudgemart_vendors on vendor_id = product_vendor_id  
where product_department = 'Hardware' OR product_department = 'Housewares'
```

order by vendor_name asc

3.g

```
select product_name,product_wholesale_price,product_add_date, SYSTEM_USER
from fudgemart_products
      left join fudgemart_vendors on vendor_id = product_vendor_id
where vendor_name = 'Mikey'
order by product_add_date
```

3.h

```
select top(10) timesheet_id, timesheet_payrolldate, employee_name, timesheet_hours, SYSTEM_USER
from fudgemart_employee_timesheets
      left join fudgemart_employees on timesheet_employee_id = employee_id
order by timesheet_hours desc
```

3.i

```
select Distinct employee_name, employee_department, SYSTEM_USER
from fudgemart_employee_timesheets
      left join fudgemart_employees on timesheet_employee_id = employee_id
where timesheet_hours > 40
```

3.j

```
select vendor_name, vendor_phone, SYSTEM_USER
from fudgemart_vendors
where vendor_website is NULL
```