--1. if/else is used to make decisions

--2. product weights can be set, but not to a negative

--3. digital product, a weight of 0 makes sense

--4. physical product should have a weight

--5. set the weight of a product with a particular id

sp\_columns 'Product'--6. run this to look at the structure of a table

go

--7. we're storing information on physical products

alter procedure SetWeight

@ProductID int,

@Weight decimal

as

if @Weight>0 --8. checks to ensure input is sensible

update Production.Product

set weight=@Weight

where ProductID=@ProductID

else --9. runs when user tries calling proc. with a value like -20

Print 'Weight Must Exceed 0'

go

--10. line below results in 'Weight Must Exceed 0' because of the if

SetWeight @ProductID=4, @Weight=-10