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Tugas RPL - IMPAL materi Implementasi Desain Procedural

Exercise #2

Can you make some code in any language to this PSPEC (In Structured English):

DO CASE

CASE computer-amount = 1 OR 2

set **base-fee** = \$50 and **additional-fee** = 0

CASE computer-amount = 3 to 10

set **base-fee** = \$100 and **additional-fee** = \$10 per peripheral

CASE computer-amount > 10

set **base-fee** = \$500 and **additional-fee** = \$10 per peripheral

IF service-time is **NOT** in business hours

base-fee is doubled

IF customer is willing to drop off and pick up

total-base-fee is reduced to one-half

PSPEC in Java

```
public void Exercise2 (int computer-amount){  
    float base-fee;  
    float additional-fee;  
  
    if (computer-amount == 1 || computer-amount == 2){  
        base-fee = 50;  
        additional-fee = 0;  
    }  
  
    else if ( computer-amount >= 3 && computer-amount <= 10 ) {  
        base-fee = 100;  
        additional-fee = 10;  
    }  
  
    else if ( computer-amount > 10 ) {  
        base-fee = 500;  
        additional-fee = 10;  
    }  
}
```

```
if ( !contains(service-time, business_hours)){  
    base-fee *= base-fee;  
}  
  
if ( DropOff(customer) && Pickup(customer)) {  
    base-fee = base-fee - (base-fee * 0.5);  
}
```