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%The PTO bank function will calculate the ability of an employee to obtain
%paid time off for the current pay cycle.


function[PTO_Bank,PTO,New_Employee,Ability] = employee_PTO_Bank_rosaton(Employee, ↙
Employee_Number,e_data,Warnings)

Employee_Bank = zeros(length(e_data)); %Gives the option to input hours left in the ↙
employees PTO Bank


%imbedded while loops allows for PTO calculation for each employee
Ability = 1;
n = 1;
Cut = 1;
while n == 1
    while (Employee(1,3) < Employee(1,4)) & (Cut > 0)
        PTO_Bank = Employee_Bank(Employee_Number) - 1;
        Employee(1,3) = Employee(1,3) + 1;
        Ability = 0;
        if PTO_Bank < 0
            fprintf('\nPTO Bank is Empty: WARNING\n')
            Cut = 0;
            PTO = 0;
            New_Employee = 0;
        end
        n = n + 1;
    end
if Cut==1
New_Employee = Employee(1,3) + (Employee(1,4)-Employee(1,3));
Employee(1,3) = New_Employee;

PTO_Bank = Employee_Bank(Employee_Number);

[PTO] = employee_PTO_calculator_rosaton(Employee,PTO_Bank,New_Employee, Ability, ↙
Warnings);

n = n + 1;
end
end
end
```