

```
put month= cbal= pmt= fc= prpmt= ;
```

```
cbal=round(cbal-prpmt,0.01); * deduct principal payment from balance;
```

```
if cbal gt 0 then go to eins; * go to next month if balance is greater than zero;
```

```
* print number of months to repay debt, final balance (zero),  
periodic rate;
```

```
put title=' ';
```

```
put title='number of months to repay debt, final balance, periodic rate';
```

```
put month= cbal= perrate=;
```

```
put title=' ';
```

```
run;
```

(b) Actual Repayment Disclosures. The following is an example of how to

calculate the actual repayment disclosures using the guidance in appendix M2 to this part

where three annual percentage rates apply, the total outstanding balance is \$1000, and the

minimum payment formula is 2 percent of the outstanding balance or \$20, whichever is

greater. The following calculation is written in SAS code.

```
data one;
```

```
*initialize numbers of APRs, periodic rates, balance and periodic interest charges;
```

```
array apr(3);
```

```
array perrate(3);
```

```
array cbal(3);
```

```
array fc(3);
```

```
* inputs;
```

```
*initialize APRs, and balances, placing rates from lowest to highest;
```

```
*annual percentage rates from lowest to highest;
```

```
apr1=0.019;
```

```
apr2=0.17;
```

```
apr3=0.21;
```

```
cbal1=500; * outstanding balance associated with apr1;
```

```
cbal2=250; * outstanding balance associated with apr2;
```