

```
/* PROC FORMAT: */
```

```
LIBNAME FRMT "/home/u63730693/my_sas";
```

```
/* a. CREATION OF FORMAT: */
```

```
PROC FORMAT;  
VALUE TAN_CAT  
    LOW-100 = "BAISC"  
    100-150 = "AVG"  
    150-HIGH = "PRIME";  
RUN;
```

```
/* b. USE THE FORMAT DATA: */
```

```
PROC FREQ DATA=WORK.formt;  
TABLES SPENT;  
FORMAT SPENT TAN_CAT.;  
RUN;
```

```
/* c. APPLY THIS FORMAT TO ALL THE DATASET: */
```

```
PROC PRINT DATA=WORK.formt;  
FORMAT SPENT TAN_CAT.;  
RUN;
```

```
/* d. CREATE A FORMAT'S COLUMN: */
```

```
DATA TESTING;  
SET WORK.formt;  
NEW_VAR= PUT(SPENT, TAN_CAT.);  
RUN;
```

```
PROC PRINT DATA=TESTING;  
RUN;
```

```
/* e. SUBSET DATA ON FORMAT: */
```

```
DATA PRIME;  
SET WORK.formt;  
WHERE PUT(SPENT, TAN_CAT.) = "PRIME";  
RUN;
```

```
/* f. CHECKING OUT ALL THE STORED FORMATS: */
```

```
PROC FORMAT LIBRARY=MYFRMT FMTLIB;
```

```
/* e. STORING OF FORMAT: */
```

```
PROC FORMAT LIBRARY=FRMT;  
VALUE TAN_CAT  
    LOW-100 = "BAISC"
```

```
100-150 = "AVG"  
150-HIGH = "PRIME";  
RUN;
```

```
/* f. CHECK OUT ALL THE STORED FORMAT: */  
.....  
PROC FORMAT LIB=FRMT FMTLIB;  
RUN;
```

```
/* g. RETRIEVE ALL THE FORMAT: */  
OPTIONS FMTSEARCH= (FRMT);
```

```
/* h. RETRIEVE A SPECIFIC FORMAT: */  
OPTIONS FMTSEARCH= (FRMT.TAN_CAT);
```