

```
*-----1-----2-----3-----4-----5-----6-----+----;
dm "output;clear;log;clear";

Libname ia "C:\_SasCourse2006\Course1\SAS_Data";

/*          c10s1d1          */
proc gchart data=ia.crew;
  vbar JobCode;
run;

/*          c10s1d2          */
proc gchart data=ia.crew;
  hbar JobCode;
run;

/*          c10s1d3          */
proc gchart data=ia.crew;
  pie JobCode;
run;

/*          c10s1d4          */
proc gchart data=ia.crew;
  vbar Salary;
run;

/*          c10s1d5          */
proc gchart data=ia.crew;
  vbar Salary / discrete;
run;

/*          c10s1d6          */
proc gchart data=ia.crew;
  vbar JobCode / sumvar=Salary type=mean;
run;

/*          c10s1d7          */
proc gchart data=ia.crew;
  pie JobCode / sumvar=Salary type=sum;
  format Salary dollar8.;
run;
  pie JobCode / sumvar=Salary type=sum
  fill=x;
  format Salary dollar8.;
run;
  pie JobCode / sumvar=Salary type=sum
  fill=x explode='PILOT3';
  format Salary dollar8.;
run;
quit;
```

```
*-----1-----2-----3-----4-----5-----6-----+----;  
/*          c10s1ex          */
```

```
dm "output;clear;log;clear";
```

```
Libname ia "C:\_SasCourse2006\Course1\SAS_Data";
```

```
proc gchart data=ia.crew;  
  vbar JobCode;  
  title 'Vertical Bar Chart';  
  title2 'Number of Employees by Job Code';  
run;  
quit;
```

```
proc gchart data=ia.crew;  
  hbar JobCode;  
  title 'Horizontal Bar Chart';  
  title2 'Number of Employees by Job Code';  
run;  
quit;
```

```
proc gchart data=ia.crew;  
  pie JobCode;  
  title 'Pie Chart';  
  title2 'Number of Employees by Job Code';  
run;  
quit;
```

```
*-----1-----2-----3-----4-----5-----6-----+----;  
dm "output;clear;log;clear";
```

```
Libname ia 'C:\_SasCourse2006\Course1\SAS_Data';
```

```
proc gchart data=ia.crew;  
  vbar JobCode;  
run;
```

```
proc gchart data=ia.crew;  
  hbar JobCode;  
run;
```

```
proc gchart data=ia.crew;  
  pie JobCode;  
run;
```

```
proc gchart data=ia.crew;  
  vbar Salary;  
run;
```

```
proc gchart data=ia.crew;
  vbar Salary / discrete;
run;

proc gchart data=ia.crew;
  vbar JobCode / sumvar=Salary type=mean;
run;

proc gchart data=ia.crew;
  pie JobCode / sumvar=Salary type=sum;
  format Salary dollar8.;
run;
  pie JobCode / sumvar=Salary type=sum fill=x;
  format Salary dollar8.;
run;
  pie JobCode / sumvar=Salary type=sum
    fill=x explode='PILOT3';
  format Salary dollar8.;
run;
quit;

*-----1-----2-----3-----4-----5-----6-----+----;
dm "output;clear;log;clear";

Libname ia "C:\_SasCourse2006\Course1\SAS_Data";

proc gplot data=ia.flight114;
  where date between '02mar2001'd and '08mar2001'd;
  plot Boarded*Date;
  title 'Total Passengers for Flight 114';
  title2 'between 02Mar2001 and 08Mar2001';
run;
  plot Boarded*Date;
  symbol value=square i=join;
run;
  plot Boarded*Date;
  symbol c=red w=2;
run;
  plot Boarded*Date / vaxis=100 to 200 by 25 ctext=blue;
run;
  plot Boarded*Date / vaxis=100 to 200 by 25 ctext=blue;
  label Boarded='Passengers Boarded'
    Date='Departure Date';
run;
quit;
```