```stata
1    **Samin Al Fattah
2    **ROOM501
3    . cd "C:\Users\Administrator\Desktop\Stata exam"
4
5
6    . pwd
7
8    . use "Data set_BUPFS EXCEL MAESTROS ROUND 2"
9
10   . help string
11
12   . help f_sting
13
14   . recast double case_id
15
16   . recast float case_id
17
18   . recast string case_id
19
20   . destring cluster, gen(cl)
21
22   . drop cluster
23
24   . rename cl cluster
25
26   . rename V001 gender
27
28   . rename V003 age
29
30   . rename age income
31
32   . rename v002 age
33
34   . rename v004 edu
35
36   . rename V005 occup
37
38   . rename v025 residence
39
40   . rename v225 mar_st
41
42   . label variable gender "Sex of the respondent"
43
44   . label variable age "Age of the respondent"
45
46   . label variable income "Monthly income"
47
48   . label variable edu "Highest education achieved"
49
50   . label variable occup "Current occupation"
51
52   . label variable residence "Place of residence"
53
54   . label variable mar_st "Ever married status"
55
56   . label define gen_label 1 "Female" 2 "Male"
57
58   . label value gender gen_label
59
60   . br
61
62   . ed
63
```

```stata
64   . label define occup_label 1 "Agricultue" 2 "Business" 3 "Privat
65
66   . label value occup occup_label
67
68   . ed
69
70   . label define res_label  0 "Urban" 2 "Rural"
71
72   . label value residence res_label
73
74   . ed
75
76   . label define res_label  1 "Urban" 2 "Rural"
77
78   . label define res_labell  1 "Urban" 2 "Rural"
79
80   . label value residence res_labell
81
82   . ed
83
84   . label define mr_label 0 "No" 1 "Yes"
85
86   . label value mar_st mr_label
87
88   . ed
89
90   . summarize age income edu, detail
91
92
93   . ed
94
95   . gen inc_cat = income
96
97   . ed
98
99   . replace inc_cat=1 if income < 15000
100
101  . replace inc_cat=2 if 15000 < income < 20000
102
103  . replace inc_cat=1 if income < 15000
104
105  . ed
106
107  . replace inc_cat=5 if income < 40000
108
109  . replace inc_cat=4 if income < 30000
110
111  . replace inc_cat=3 if income < 25000
112
113  . replace inc_cat=2 if income < 20000
114
115  . replace inc_cat=1 if income < 15000
116
117  . ed
118
119  .  gen edu_cat = edu
120
121
122  . replace edu_cat=4 if edu < 20
123
124   . replace edu_cat=3 if edu <= 7
125
126  . replace edu_cat=2 if edu <= 4
```

```
127
128    . replace edu_cat=1 if edu == 0
129
130    . label define educ_label 1 "Uneducated" 2 "Below primary" 3 "Pr
131
132
133    . label value edu_cat educ_label
134
135    . ed
136
137    . gen age_cat = age
138
139    . replace age_cat=1 if age <50
140
141    . replace age_cat=2 if age < 50
142
143
144    . replace age_cat=1 if age <= 30
145
146
147    . ed
148
149    . label define agec_label 1 "30 years of below" 2 "30 years abov
150    > e"
151
152    . label value age_cat agec_label
153
154    . ed
155
156
157
158    . label define agec_labell 1 "30 years or below" 2 "30 years above"
159
160    . label value age_cat agec_labell
161
162    . label variable inc_cat "Generated Income Category"
163
164    . label variable edu_cat "Generated Education Category"
165
166    . label variable age_cat "Generated Age Category"
167
168    . tab residence
169
170
171    . tab gender
172
173
174    . tab occup
175
176
177    . tab inc_cat
178
179
180    . tab edu_cat
181
182
183    . tab edu_cat gender, row col chi2
184
185
186    .  tab edu_cat gender, row col chi2
187
188
189    .  tab inc_cat residence , row col chi2
```

```
190
191     .  tab inc_cat edu_cat , row col chi2
192
193     . graph pie gender
194
195     . ed
196
197     . graph pie residence, over(gender)
198
199     . graph export "C:\Users\Administrator\Desktop\Stata exam\Graph.
200     > png", as(png) name("Graph")
201
202     . histogram income
203
204
205
206     . graph save "Graph" "C:\Users\Administrator\Desktop\Stata exam\
207     > Histogram.gph"
208
209     graph bar (mean) occup
210
211     . reg income age edu residence occup
212
213
```