1.

From the file SAS Output\_htm#IDX7, we can know the following:

because the Parameter Estimate of Weight\_oldest\_child, Weight\_father, Weight\_mother are too small, they are not important, so remove them from the regression.

2.

keep the **Age\_oldest\_child Height\_father** and **Height\_mothe**r, do the regression once again.

We can get the file SAS Output\_htm#IDX6.