This study examined the usage of computer and its impact on the staff of Federal ministry of Finance, Abuja. Data were gathered from the staff of the organization through administering of questionnaires. The data were analyzed using simple frequency and percentages distribution. From the analysis of the questionnaires administered it showed that computerization have positive effect on the growth of ministry. The analysis of data also shows that almost half of the staff that responded have just been employed, majority of them are computer literate, and none of the staff under study can use all the MS Office packages. Also, 33% of the staff cannot use the Internet, all the staff agreed that computerization have a great effect on them, despite the computerization of the ministry, 80% of the operations are done manually, also more than half of the staff have no personal computer, majority of them as a result of fraud, 73% of the staff have their workload reduced as a result of the computerization. Finally, 90% of the staff agreed that, the computerization has created an impact on them. Therefore, this study recommended, that full computerization of the ministry operations should be in place to improve its efficiency, with full computerization of the ministry all or most of the staff would become familiar with the software packages, this would help improve their computer litteratrice and the ministry should provide computers loan basis for staff that cannot afford it, with Internet facilities.