SOFTWARE INSTALLATION INSTRUCTIONS

1.   Install conda environment in ubuntu (linux) by following the steps

https://docs.conda.io/projects/conda/en/latest/user-guide/install/linux.html

2.   Once conda is installed, go to the command prompt and type

conda create -n varcall

conda activate varcall

3.   To configure channel type follow the command

conda config --add channels defaults

conda config --add channels bioconda

conda config --add channels conda-forge

conda config --set channel_priority strict

4.   Install all the requite software:

conda install -c bioconda fastqc

conda install -c bioconda multiqc

conda install -c bioconda cutadapt

conda install -c bioconda samtools

conda install -c bioconda bwa

conda install -c bioconda freebayes

conda install -c bioconda bcftools

conda install -c bioconda igv

conda install -c bioconda sra-tools