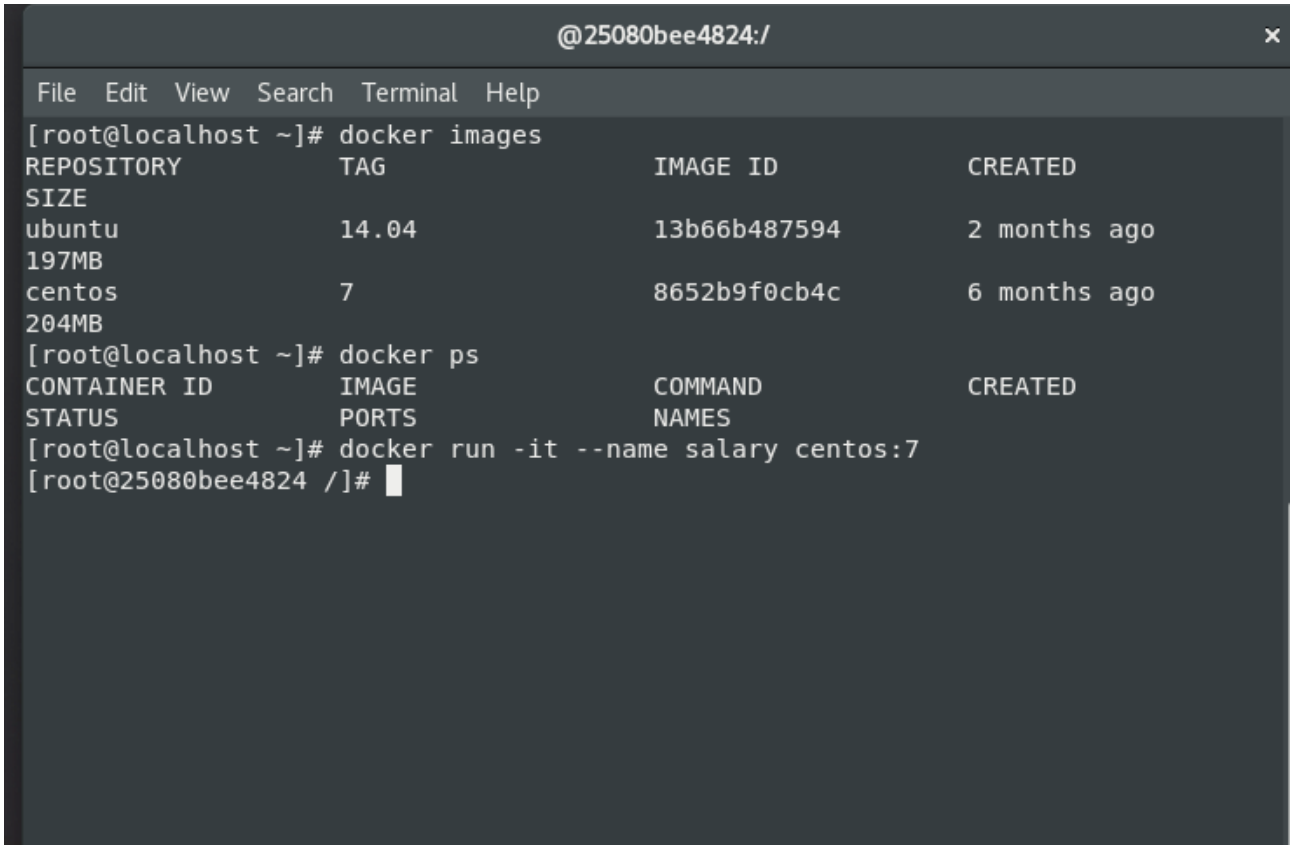
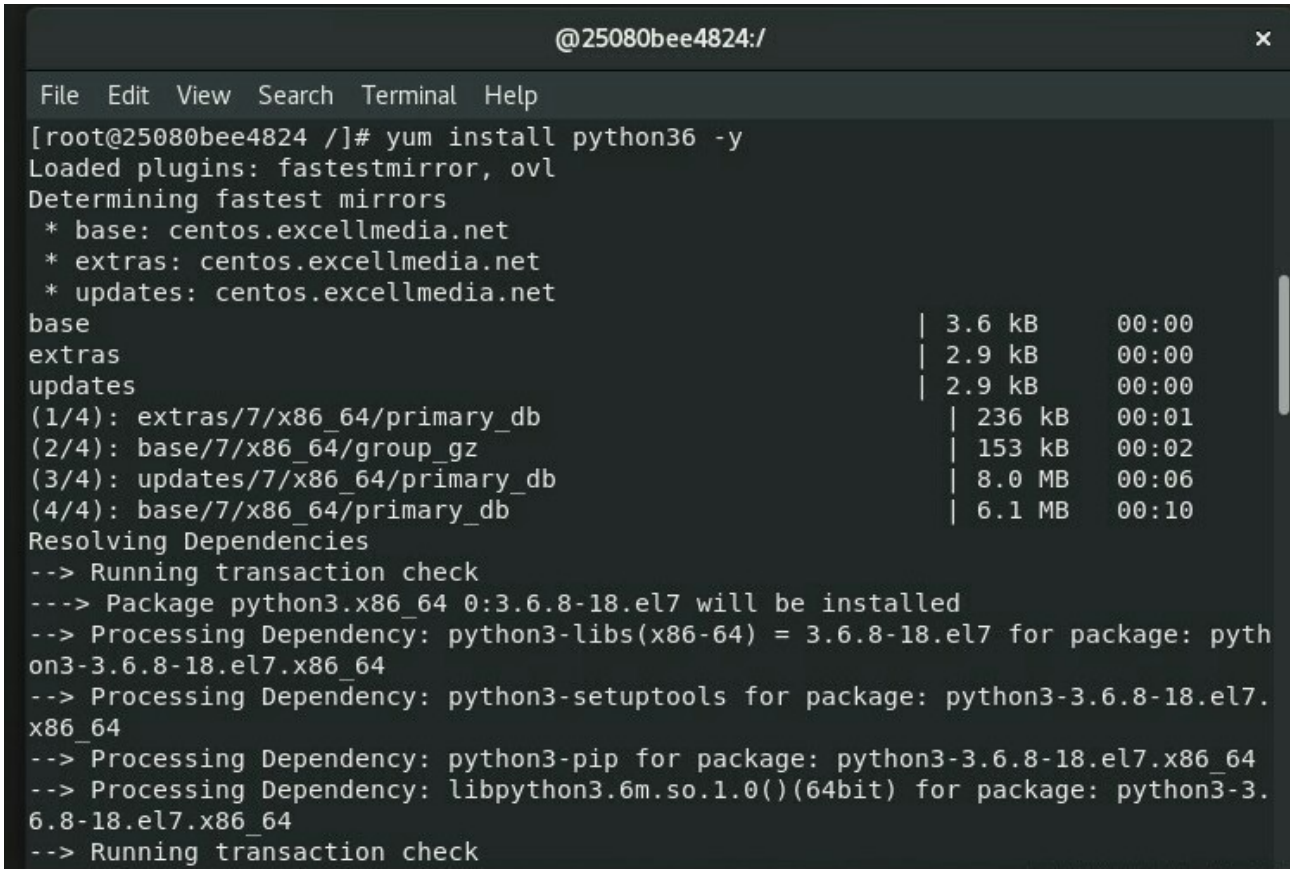
Step1: Pull the docker container image of centOS image from DockerHub using the following command:

**# docker run -it --name <container_name> centos:7**



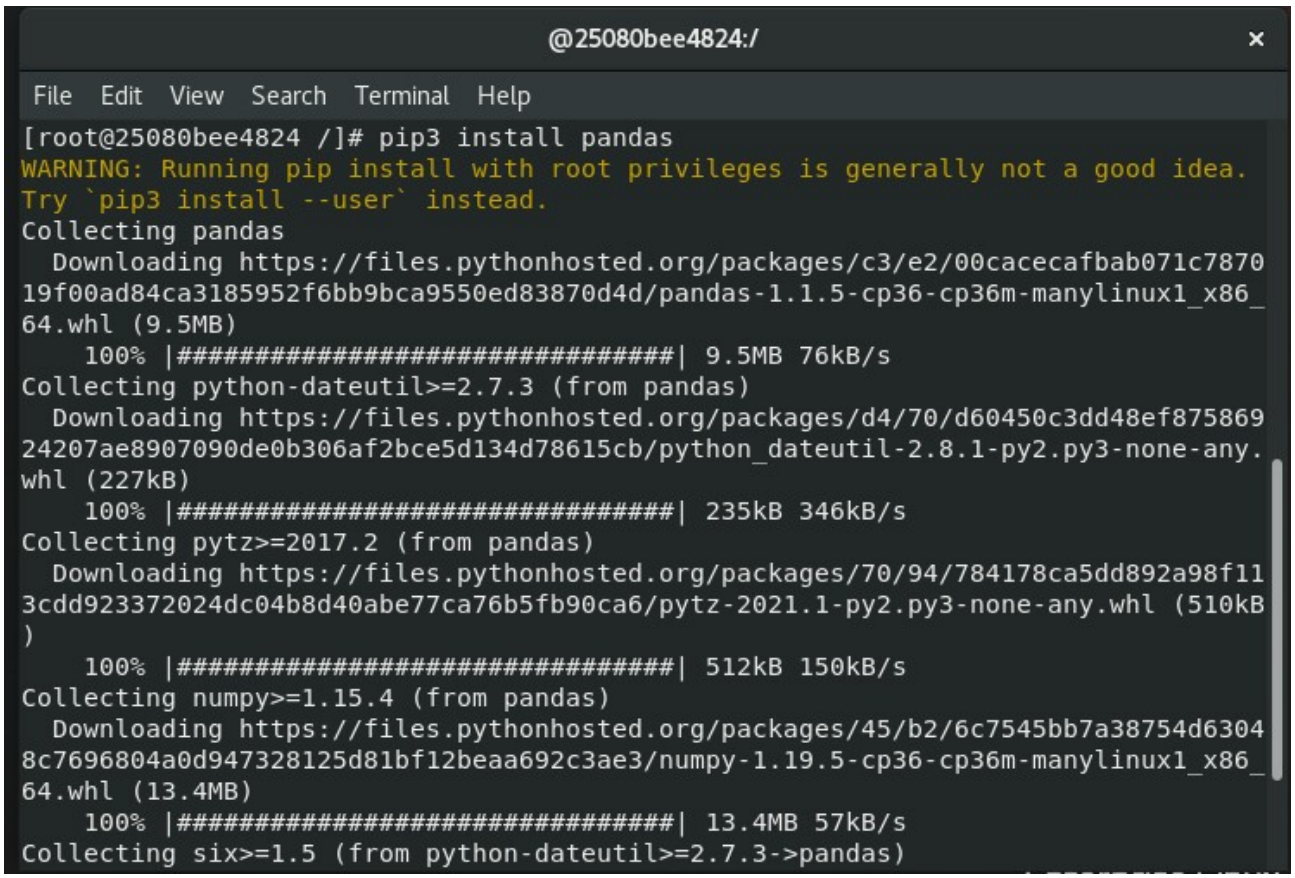
Step2: Install the Python software on the top of docker container using the following command:

**# yum insatll python36 -y**



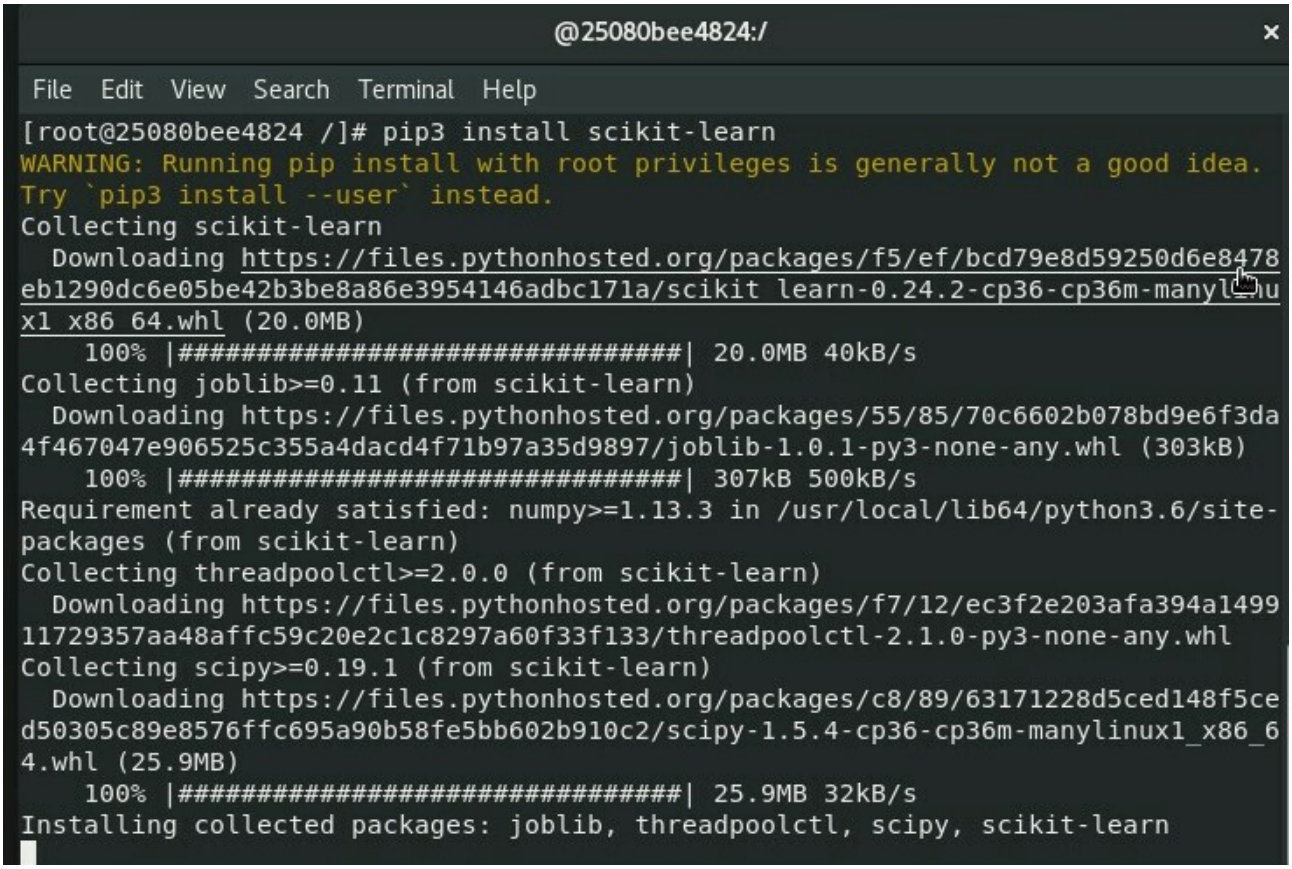
Step3: Installing pandas on centOS to run the python code.

command to install pandas is **# pip3 install pandas**

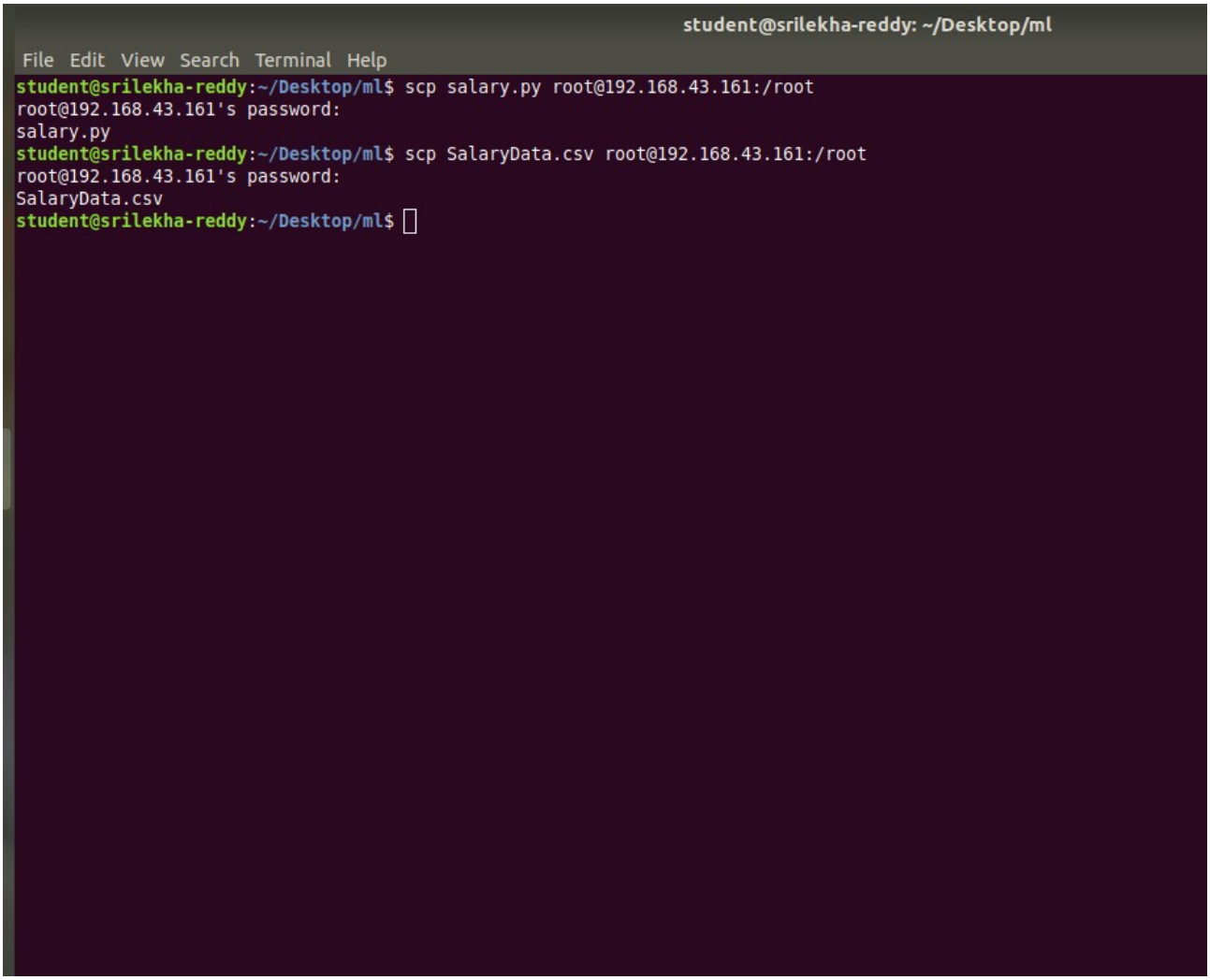


Step4: Installing scikit-learn on centOS to run the python code.

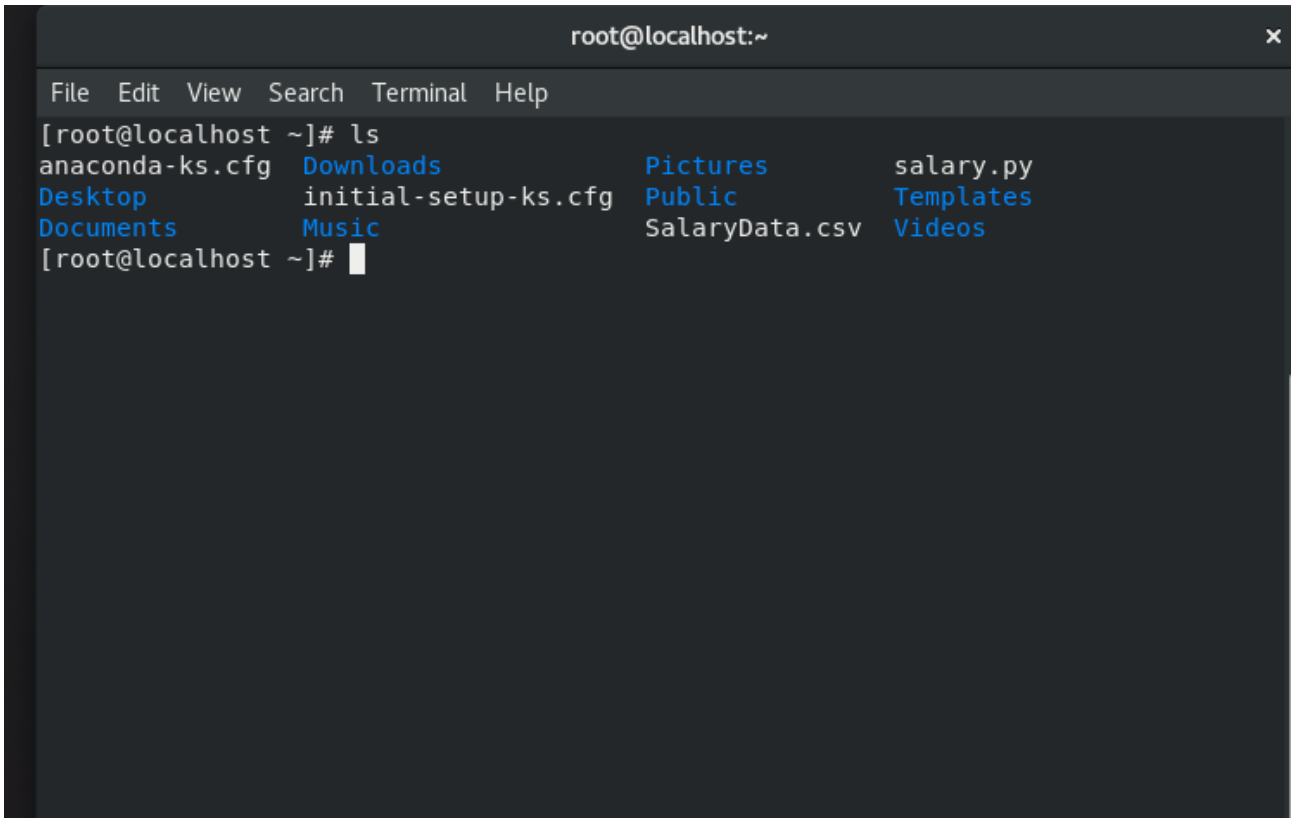
Command to install scikit-learn is **# pip3 install  scikit-learn**



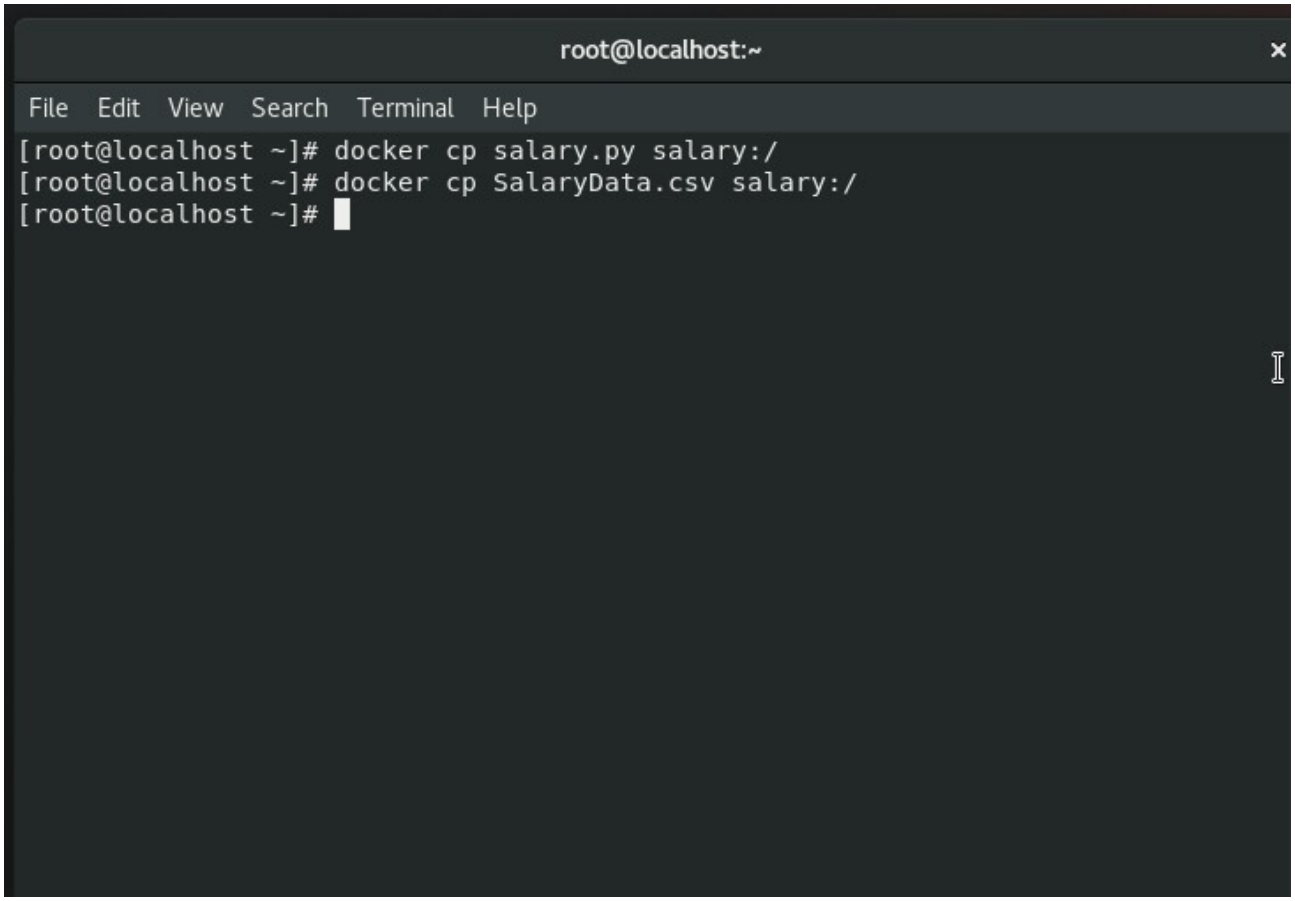
Step5: Transfer the copy of the files(salary.py,SalaryData.csv) from the base OS (ubuntu) to redhat OS.



Step6: Verify the transeferred files(salary.py,SalaryData.csv) in redhat OS using #ls command.



Step7: Transfer the files from the redhat OS to docker.



Step8: Verify the transeferred files in Docker using #ls command and run the machine learing model(salary.py) on centOs.