

# Q2Functionalty.sh

Tuesday, December 20, 2022 11:20 PM

```
#!/bin/bash
path="/home/gowaz/Desktop/Project/backup"
path2="/home/gowaz/Desktop/Project/database"
function backup_database () {
    echo -n "Enter name: "
    read name

    fullName=`echo "$name.txt.gz"`

    gzip -c $1 > $path/$fullName
    echo " "
    echo " "
    #echo "Backup at: $(readlink -f $fullName)"
    echo -n "Backup at: $path ... "
    echo "Backup Name: $fullName .....Done."
    echo " "
}
function restore_database () {
    echo -n "Enter name: "
    read name

    fullName=`echo "$name.txt.gz"`
    newName=`echo "$name.txt"`

    gzip -d $path/$fullName > $path2/$newName
    rm $path/$newName
    echo " "
    echo " "
    #echo "Restore at: $(readlink -f $newName)"
    echo "Restored at: $path2 ... "
    echo "Restoration name: $newName ....Done."
    echo " "
}
function auto_backup () {

    read -p "Max: " max

    timee="* * * * *"

    if [ $max -eq 0 ]
    then
        ehco "Max can't be 0"
    else

        read -p "Enter schedule [d] Daily [w] Weekly [m] Monthly: " choice

        case $choice in
```

```

d)
    timee="0 0 * * *"
    ;;
w)
    timee="0 0 * * 0"
    ;;
m)
    timee="0 0 1 * *"
    ;;
*)
    echo "Wrong input!"
    ;;
esac
#crontab -u $USER -l > temp
crontab -l > temp

echo "$timee ./Q2AutoBackup.sh $1 $max" >> temp

#crontab -u $USER temp
crontab temp

rm temp

echo "Adding ($timee $1 --backup --outputdir /opt/backup --max $max) .... Done."

fi
}

```