**Abdallah Ramzi Abualwalaya – 1201240 – Section 3**

**Q1:**

**grep -i "hamdan.\*:/bin/csh$" prj2\_passwd | cut -d: -f1**

**Q2:**

**grep “comp311” prj2\_passwd | cut -d: -f1,6 | sort -t: -k3nr | cut -d\_ -f2 | tr “a-z” “A-Z”**

**Q3:**

**grep “:/bin/ksh$” prj2\_passwd | cut -d: -f5 | tr “a-z” “A-Z” > ksh\_shellusers**

**Q4:**

**grep "/bin/bash$" prj2\_passwd | tail -5 | cut -d: -f5 | tr “a-z” “A-Z” | sort -r > users.txt**

**Q5:**

**grep -i ‘[a-h]$’ prj2\_passwd | cut -d: -f5 | cut -d\_ -f1 | sort | uniq >**

**a-hSorted.txt**

**Q6:**

**grep -v ":/bin/ksh$" prj2\_passwd | cut -d: -f5 | tr “a-z” “A-Z” | sort**

**Q7:**

**grep "^u118" prj2\_passwd | cut -d: -f5 | cut -d\_ -f1 | sort -t: -k3,3nr > u118.txt //please note that the file dose not contain any students with id u118**

**Q8:**

**grep -L -r "passwd" /etc/ | more**

**Q9:**

**ls -d /etc/[a-j]\* | wc -l**

**Q10:**

**grep "comp322" prj2\_passwd | cut -d: -f5 | tr ‘\_’ ‘ ‘ | cut -d\_ -f1 | cut -c1,2**