

TCS Xplore UNIX Hands-On 2025

Answers copied from this website:

<https://kumarweb28.wixsite.com/kumarweb/unixhands-1>

// Question 1

// 1. Unix : Count occurrence of word

```
grep -o -i unix | wc -l
```

// Question 2

// 2. Unix : Word Count

```
head -3 | wc -w
```

// Question 3

// 3. Unix : Find sum of even numbers

```
read n
awk '
BEGIN {
    sum=0;
}
{ if ( $0%2==0 ){
    sum+=$0;
}
}
END { print "Total", "=",sum}'
```

// Question 4

// 4. Unix : Highest Score

```
sort -k3,3 -rn -t" " | head -n1 | awk '{print $2}'
```

// Question 5

// 5. Unix : Average Salary

```
read
awk 'BEGIN{ FS=" ";Total;count;i;num}
{
    sum+=$3;num+=1;a[i++]=$3;

}
END{ avg=sum/num;
for(j=0;j<i;j++){
    if(a[j]<avg){
        count++
    }
}
{print count}
}'
```