*Name : Jayesh Gadilohar*

*MIS : 111910048*

*Div : 2*

*Batch : S4*

*AWK Commands Output*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk 'BEGIN {i=1; do{print i; ++i}while(i<6)}'*

*1*

*2*

*3*

*4*

*5*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk 'BEGIN {for (i=1; i<=5; ++i)print i}'*

*1*

*2*

*3*

*4*

*5*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk 'BEGIN {for (i = 0; i <= 5;++i)print i}'*

*0*

*1*

*2*

*3*

*4*

*5*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "Apple Juice\nApple Pie\nApple Tart\nApple Cake" | awk '/Apple /'*

*Apple Juice*

*Apple Pie*

*Apple Tart*

*Apple Cake*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "Apple Juice\nApple Pie\nApple Tart\nApple Cake" | awk '/Apple Juice/'*

*Apple Juice*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL$ echo -e "Apple Juice\nApple Pie\nApple Tart\nApple Cake" | awk '/Apple(Juice|Cake)/'*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "111\n22\n123\n234\n456\n222" | awk '/3+/'*

*123*

*234*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "111\n22\n123\n234\n456\n222" | awk '/1+/'*

*111*

*123*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "111\n22\n123\n234\n456\n222" | awk '/2+/'*

*22*

*123*

*234*

*222*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "ca\ncat\ncatt\ncattt" | awk '/cat+/'*

*cat*

*catt*

*cattt*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "ca\ncat\ncatt\ncattt" | awk '/cat\*/'*

*ca*

*cat*

*catt*

*cattt*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "ca\ncat\ncatt\ncattt" | awk '/cat/'*

*cat*

*catt*

*cattt*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "ca\ncat\ncatt" | awk '/cat+/'*

*cat*

*catt*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "Call\nTall\nBall\nSmall\nShall" | awk '/Call|Small/'*

*Call*

*Small*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "Call\nTall\nBall\nSmall\nShall" | awk '/Sall|Mall/'*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "Call\nTall\nBall\nSmall\nShall" | awk '/Call|Mall/'*

*Call*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "Call\nTall\nBall\nSmall\nShall" | awk '/Call|Ball/'*

*Call*

*Ball*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "Call\nTall\nBall" | awk '/[B]all/'*

*Ball*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "Call\nTall\nBall" | awk '/[^M]all/'*

*Call*

*Tall*

*Ball*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "Call\nTall\nBall" | awk '/[M]all/'*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "Call\nTall\nBall" | awk '/[B]all/'*

*Ball*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "Call\nTall\nBall" | awk '/[^T]all/'*

*Call*

*Ball*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "knife\nknow\nfun\nfin\nfan\nnine" | awk '/n/'*

*knife*

*know*

*fun*

*fin*

*fan*

*nine*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL$*

*echo -e "knife\nknow\nfun\nfin\nfan\nnine" | awk '/n$/'*

*fun*

*fin*

*fan*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "knife\nknow\nfun\nfin\nfan\nnine" | awk '/f$/'*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "Call\nTall\nBall" | awk '/[^M]all/'*

*Call*

*Tall*

*Ball*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "Call\nTall\nBall" | awk '/[^BT]all/'*

*Call*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "cat\nbat\nfun\nfin\nfan" | awk '/f.n/'*

*fun*

*fin*

*fan*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "cat\nbat\nfun\nfin\nfan" | awk '/c.n/'*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "cat\nbat\nfun\nfin\nfan" | awk '/n/'*

*fun*

*fin*

*fan*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "cat\nbat\nfun\nfin\nfan" | awk '/f/'*

*fun*

*fin*

*fan*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "cat\nbat\nfun\nfin\nfan" | awk '/a/'*

*cat*

*bat*

*fan*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "cat\nbat\nfun\nfin\nfan" | awk '/fa/'*

*fan*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "This\nThat\nThen\nThere\nThese\nTheir" | awk '/T/'*

*This*

*That*

*Then*

*There*

*These*

*Their*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ echo -e "This\nThat\nThen\nThere\nThese\nTheir" | awk '/Th/'*

*This*

*That*

*Then*

*There*

*These*

*Their*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk '{print NR,$1,$NF}' employee.txt*

*1 ajay 45000*

*2 sunil 25000*

*3 varun 50000*

*4 amit 47000*

*5 tarun 15000*

*6 deepak 23000*

*7 sunil 13000*

*8 satvik 80000*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk 'NR==3, NR==6 {print NR,$0}' employee.txt*

*3 varun manager sales 50000*

*4 amit manager account 47000*

*5 tarun peon sales 15000*

*6 deepak clerk sales 23000*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk 'NR==3, NR==6 {print $0}' employee.txt*

*varun manager sales 50000*

*amit manager account 47000*

*tarun peon sales 15000*

*deepak clerk sales 23000*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk 'NR==3, NR==6 {print NR,$1,$2}' employee.txt*

*3 varun manager*

*4 amit manager*

*5 tarun peon*

*6 deepak clerk*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk '{print NR" - "$1}' employee.txt*

*1 - ajay*

*2 - sunil*

*3 - varun*

*4 - amit*

*5 - tarun*

*6 - deepak*

*7 - sunil*

*8 – satvik*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk '{print NR" - "$2}' employee.txt*

*1 - manager*

*2 - clerk*

*3 - manager*

*4 - manager*

*5 - peon*

*6 - clerk*

*7 - peon*

*8 - director*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk '{print NR"\t"$2}' employee.txt*

*1 manager*

*2 clerk*

*3 manager*

*4 manager*

*5 peon*

*6 clerk*

*7 peon*

*8 director*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk 'length($0) > 25' employee.txt*

*ajay manager account 45000*

*amit manager account 47000*

*satvik director purchase 80000*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk 'length($0) > 20' employee.txt*

*ajay manager account 45000*

*sunil clerk account 25000*

*varun manager sales 50000*

*amit manager account 47000*

*tarun peon sales 15000*

*deepak clerk sales 23000*

*sunil peon sales 13000*

*satvik director purchase 80000*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk 'length($0) > 28' employee.txt*

*satvik director purchase 80000*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ cat employee.txt*

*ajay manager account 45000*

*sunil clerk account 25000*

*varun manager sales 50000*

*amit manager account 47000*

*tarun peon sales 15000*

*deepak clerk sales 23000*

*sunil peon sales 13000*

*satvik director purchase 80000*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk '/manager/ {print}' employee.txt*

*ajay manager account 45000*

*varun manager sales 50000*

*amit manager account 47000*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk '{print}' employee.txt*

*ajay manager account 45000*

*sunil clerk account 25000*

*varun manager sales 50000*

*amit manager account 47000*

*tarun peon sales 15000*

*deepak clerk sales 23000*

*sunil peon sales 13000*

*satvik director purchase 80000*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk '/dance/ {print}' employee.txt*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk '{print $1,$4}' employee.txt*

*ajay 45000*

*sunil 25000*

*varun 50000*

*amit 47000*

*tarun 15000*

*deepak 23000*

*sunil 13000*

*satvik 80000*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ nano employee.txtajay manager account 45000*

*sunil clerk account 25000*

*varun manager sales 50000*

*amit manager account 47000*

*tarun peon sales 15000*

*deepak clerk sales 23000*

*sunil peon sales 13000*

*satvik director purchase 80000*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ cat employee.txt*

*ajay manager account 45000*

*sunil clerk account 25000*

*varun manager sales 50000*

*amit manager account 47000*

*tarun peon sales 15000*

*deepak clerk sales 23000*

*sunil peon sales 13000*

*satvik director purchase 80000*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk '{print}' employee.txt*

*ajay manager account 45000*

*sunil clerk account 25000*

*varun manager sales 50000*

*amit manager account 47000*

*tarun peon sales 15000*

*deepak clerk sales 23000*

*sunil peon sales 13000*

*satvik director purchase 80000*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk '{print NR,$0}' employee.txt*

*1 ajay manager account 45000*

*2 sunil clerk account 25000*

*3 varun manager sales 50000*

*4 amit manager account 47000*

*5 tarun peon sales 15000*

*6 deepak clerk sales 23000*

*7 sunil peon sales 13000*

*8 satvik director purchase 80000*

*jayesh@LAPTOP-JK1JS1Q3:/mnt/c/Users/91935/Jayesh/Jay\_DTL*

*$ awk '{print NR,$1,$3}' employee.txt*

*1 ajay account*

*2 sunil account*

*3 varun sales*

*4 amit account*

*5 tarun sales*

*6 deepak sales*

*7 sunil sales*

*8 satvik purchase*