Ass -7

1.) Write a shell script for printing five line about unix.

echo "Unihenilcode@henilcode-lap:~/$ sh File1.sh

echo "Unix is operating System."

echo "Unix in Create Many user."

echo "Unix in Provide Security."

echo "Unix is Open Source."

echo "Unix is Very Fast."

-----OUTPUT---------

henilcode@henilcode-lap:~/$ sh Ass-8.sh

Unix is operating System.

Unix in Create Many user.

Unix in Provide Security.

Unix is Open Source.

Unix is Very Fast.

2.) Write a shell script for find out greater number from two number.

henilcode@henilcode-lap:~/$ vi File1.sh

echo "Enter First Number"

read Num1

echo "Enter Second Number"

read Num2

if [ $Num1 -gt $Num2 ]

then

echo "First Is Big"

else

echo "Second Is Big"

fi

------OUTPUT-----

henilcode@henilcode-lap:~/$ sh File1.sh

Enter First Number

15

Enter Second Number

2

First Is Big

3.)Write a shell script for find out smallest number from two number

henilcode@henilcode-lap:~/$ vi file1.sh

echo "Enter First Number"

read Num1

echo "Enter Second Number"

read Num2

if [ $Num1 -lt $Num2 ]

then

echo "First Is Smole"

else

echo "Second Is Smole"

fi

---------------OUTPUT---------------

henilcode@henilcode-lap:~/$ sh Ass-8.sh

Enter First Number

20

Enter Second Number

1

Second Is Smole

4) Write a shell script for find out ODD or EVEN number.

henilcode@henilcode-lap:~/$ vi file2.sh

echo "Enter Number "

read Num1

if [ $((Num1%2)) -eq 0 ]

then

echo "Number is Even"

else

echo "Number is Odd"

fi

henilcode@henilcode-lap:~/$ sh Ass-8.sh

Enter Number

15

Number is Odd

Ass - 8

1.)Write a AWK code to print all line that contains unix pattern in file?

henilcode@henilcode-lap:~/$ awk '/unix/' file1.txt

unix in create many user link user1, user2,user3 and etc.

The system grew larger as the operating system started unix spreading in academic circles, and as users added their own tools to the system and shared them with colleagues unix.

2.)Write a AWK code to display name of Employee whose salary is greater than 4000.

henilcode@henilcode-lap:~/$ cat file.txt

Emp\_number |Emp\_name |Salary

101 |aman |500

102 |henil |20000

103 |ansh |18000

104 |kevin |10000

105 |Harsh |20000

106 |Kamal |2000

107 |Jethalal |250

108 |Bhide |500

109 |Sodhi |5000

110 |Mehta |1000

henilcode@henilcode-lap:~/$ awk -F "|" '$3>=4000{print$2}' file.txt

Emp\_name

henil

ansh

kevin

Harsh

Sodhi

3.)Write AWK code to print all employee whose salary is between 2000 to 1000.

henilcode@henilcode-lap:~/$ awk -F "|" '$3>=2000&&$3<=10000{print$2}' emp.txt

kevin

Kamal

Sodhi

4.)Write AWK code to calculate Arithmetic operation.

5.)Write AWK code to change Field Separater of input file.

henilcode@henilcode-lap:~/$ awk 'BEGIN{FS="|"}{print$2,$3}' emp.txt

Emp\_name Salary

aman 500

henil 20000

ansh 18000

kevin 10000

Harsh 20000

Kamal 2000

Jethalal 250

Bhide 500

Sodhi 5000

Mehta 1000

6.) Write a AWK code to print Emp name and salary from File.

henilcode@henilcode-lap:~/$ cat emp.txt

Emp\_number |Emp\_name |Designation

101 |aman |vapi

102 |henil |Surat

103 |ansh |Valsad

104 |kevin |vapi

105 |Harsh |Daman

106 |Kamal |Bharush

henilcode@henilcode-lap:~/Desktop$ awk '{print$2,$3}' emp.txt

|Emp\_name |Designation

|aman |vapi

|henil |Surat

|ansh |Valsad

|kevin |vapi

|Harsh |Daman

|Kamal |Bharush

**Ass - 9**

**1.)Write a command to print first to seven line**

henilcode@henilcode-lap:~/Documents/GitHub/Program\_File/Shell$ cat unix.txt

unix was originally meant to be a convenient platform for programmers developing software to be run on it and on other systems, rather than for non-programmers.

unix in create many user link user1, user2,user3 and etc.

The system grew larger as the operating system started unix sprea unix ding in academic circles, and as users added their own tools to the system and shared them with colleagues unix.

unix is part of linux.

unix open source

unix is free

it's very fast

unix is very good

os

henilcode@henilcode-lap:~/Documents/GitHub/Program\_File/Shell$ sed '1,7p' unix.txt

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unix open source

unix is free

unix is free

it's very fast

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unix is very good

os

**2.)Write a command to remove Duplicate Line which are appear on line.**

henilcode@henilcode-lap:~/Documents/GitHub/Program\_File/Shell$ sed -n '1,7p' unix.txt

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**3.)Write a command to Display Pattern linux by using egrep.**

henilcode@henilcode-lap:~/Documents/GitHub/Program\_File/Shell$ egrep 'linux' unix.txt

unix is part of linux.

**4.)Write a command to Display Pattern linux by using fgrep.**

henilcode@henilcode-lap:~/Documents/GitHub/Program\_File/Shell$ fgrep 'linux' unix.txt

unix is part of linux.

**5.)Write a command to give the line Number in Text file.**

henilcode@henilcode-lap:~/Documents/GitHub/Program\_File/Shell$ sed '=' unix.txt

1

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2

unix in create many user link user1, user2,user3 and etc.

3

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4

unix is part of linux.

5

unix open source

6

unix is free

7

it's very fast

8

unix is very good

9

os

**6.)Write a command to insert the line after 5 line.**

henilcode@henilcode-lap:~/Documents/GitHub/Program\_File/Shell$ sed '5i\

> linux esay to use

> ' unix.txt

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**7.)Write a command to replace unix with linux in line number 4.**

henilcode@henilcode-lap:~/Documents/GitHub/Program\_File/Shell$ sed 's/unix/linux/' unix.txt

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linux open source

linux is free

it's very fast

linux is very good

os

**8.)Write a command to replace source with code.**

henilcode@henilcode-lap:~/Documents/GitHub/Program\_File/Shell$ sed 's/source/code/' unix.txt

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unix open code

unix is free

it's very fast

unix is very good

os

**9.)Write a command to delete pattern director from all line.**

henilcode@henilcode-lap:~/Documents/GitHub/Program\_File/Shell$ sed '/unix/d' unix.txt

it's very fast

os

**10.)Write a command to print the 8 line by using quit command.**

henilcode@henilcode-lap:~/Documents/GitHub/Program\_File/Shell$ sed '8q' unix.txt

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