Commandline Peer Assignment

Praneeth Work

Ques1.

1.By using date command we can get date and time.

2.Whoami is an inbuilt command that gives username.

3 HOME is an inbuilt variable containing the home directory path.

4.For the current directory ,we use the pwd command.

Ques2.

if statement and $# have been used for checking input .

This will handle errors. And while loop is used to print tables.

Ques3.

Condition for a number to be prime is that the number should only be divisible by 1 or itself. To take input from the user he used "read". Function is created to check whether a given number is prime or not. By using for loop and if statement we checked whether the given number is prime or not. He has run the loop for N times.

That approach is not an optimized approach.

Ques4.

mkdir : used to create a new directory.

touch : used to create a new file.

command > : write the output of command into a file.

command >> : append the output of command into a file

ls : used to print directories and files in present directory

He has used the above command.

Ques5.

Array was given and He has initialized two variables. By using for loop and if statement maximum and minimum values are stored in variables by traversing the array. '#' is used to get the length of the array.

He has used proper comments which make the code readble.

2.Shubham Jhawar

Ques1.

Used command:

date=`date +%m-%d-%Y`

time=`date +%T`

usr=$USER

direc=$PWD

Ques2.

if statement and $# have been used for checking input .

This will handle errors. And the For loop is used to print tables.

Ques3.

Taking input from user with “read” and call function check\_prime;

He has used an optimized approach.

TC: sqrt(n)

Q4:

# Create a folder 'Assignment'

mkdir Assignment

# a file File1.txt is created

touch Assignment/File1.txt

# Copy content of 2..sh t

cat 2.sh > Assignment/File1.txt

# Append the text

echo "Welcome to Sigmoid" >> Assignment/File1.txt

# List all directories and files present inside Desktop folder

ls ~/Desktop

Ques5.

He has used 2 for loop.

One for finding max element and other one for finding min element.

This approach is not very optimized.

We can do it using a single loop also.

He has used proper comments.