1. Write a shell script which will generate the O/P as follows

\*

\*\*

\*\*\*

\*\*\*\*

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

1. Accept the first name, middle name, and last name of a person in variables fname, mname and lname respectively. Greet the person (take his full name) using appropriate message.

A screenshot of a computer

Description automatically generated

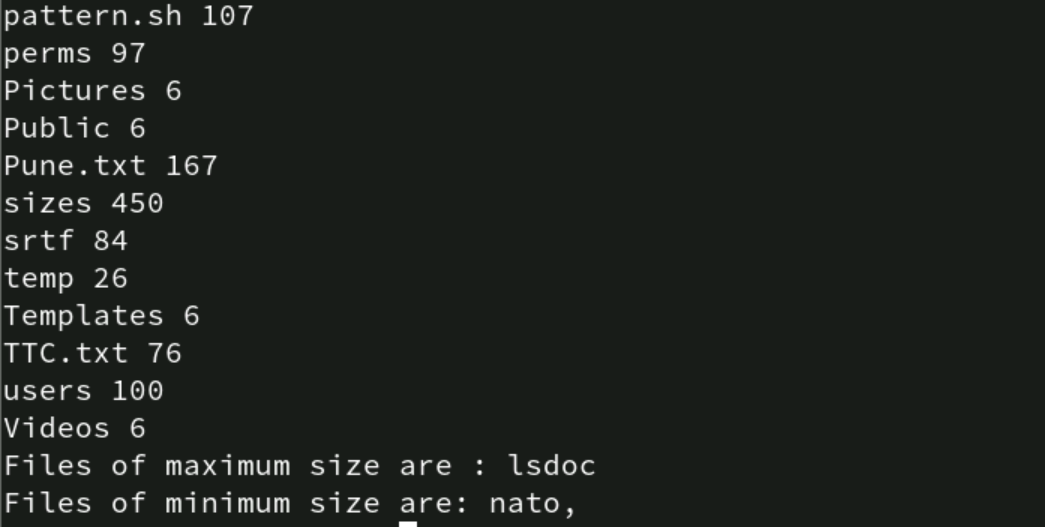
A screenshot of a computer

Description automatically generated

1. Display the name of files in the current directory along with the names of files with maximum & minimum size. The file size is considered in bytes.

A screenshot of a computer code

Description automatically generated

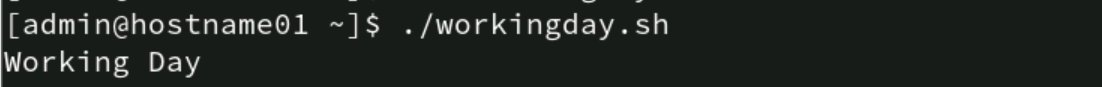


1. Write a script which when executed checks out whether it is a working day or not?

(Note: Working day Mon-Fri)

A black background with colorful text

Description automatically generated



1. Write a script that accepts a member into HP health club, if the weight of the person is withing the range of 30-250 Kgs.

A screenshot of a computer program

Description automatically generated

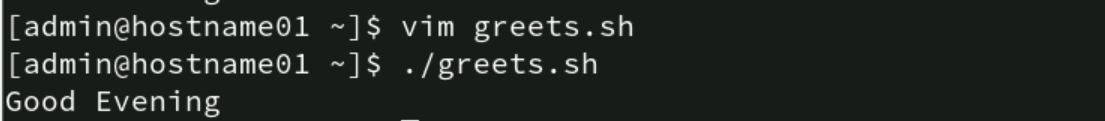
A computer screen with white text

Description automatically generated

1. Write a shell script that greets the user with an appropriate message depending on the system time.

A screenshot of a computer program

Description automatically generated



1. A data file file has some student records including rollno, names and subject marks. The fields are separated by a “:”. Write a shell script that accepts roll number from the user, searches it in the file and if the roll number is present - allows the user to modify name and marks in 3 subjects.   
   If the roll number is not present, display a message “Roll No Not Found”. Allow the user to modify one record at a time.

A screen shot of a computer program

Description automatically generated

A black rectangular object with a black border

Description automatically generated

A computer screen shot of a program

Description automatically generated

1. Modify program 7 to accept the RollNo from the command line.

A screen shot of a computer

Description automatically generated

**A computer screen shot of a program

Description automatically generated**

1. Modify the program 7 to accept the RollNo and display the record and ask for delete confirmation. Once confirmed delete the record and update the data file.

A screen shot of a computer program

Description automatically generated

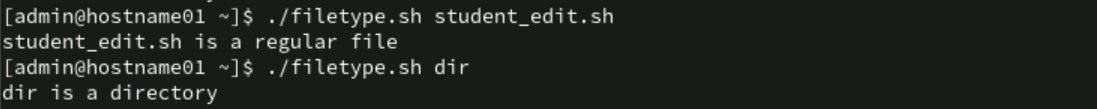
A computer screen with white text

Description automatically generated

1. Write a script that takes a command line argument and reports on its file type (regular file, directory file, etc.). For more than one argument generate error message.

A screenshot of a computer program

Description automatically generated



1. Add some student records in the “student” file manually. The fields to be considered are “RollNo”, “Name”, “Marks\_Hindi”, “Marks\_Maths”, “Marks\_Physics”.  
    Write a script which does the following
   1. If the roll number already exists, then store the record and the following message   
      “roll number exists” in a log file “log1”.

A screen shot of a computer program

Description automatically generated

A screen shot of a computer

Description automatically generated

A black rectangular object with a white border

Description automatically generated

* 1. If the marks in the subjects is not in the range of 1 – 99 then store such a record followed by a message “marks out of range” in “log1”

A screenshot of a computer program

Description automatically generated

A computer screen with white text

Description automatically generated

A black rectangular object with a white border

Description automatically generated

* 1. If the data is valid, the calculate total, percentage, grade and display on the terminal

A screenshot of a computer

Description automatically generated

A screen shot of a computer program

Description automatically generated

A screen shot of a computer

Description automatically generated