Assignment No 2

- 1. Write some commands to show the use with disk related task with example in command prompt.
- Ans:-
- A. df Use to find the free space on disk

```
DELL@DESKTOP-5EAOM75 ~

$ df

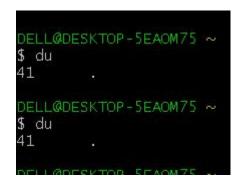
Filesystem 1K-blocks Used Available Use% Mounted on

C:/cygwin64 460588028 111313500 349274528 25% /

E: 248762364 117698312 131064052 48% /cygdrive/e

F: 248761340 10396272 238365068 5% /cygdrive/f
```

B. du - Use to find how much kilo bites the particular file take on disk



2. Write an example shell program to show the use of Special Variables, if else and Nested if else.

Ans:-

```
A. Special Variables
Code:
echo $#

echo "Zeroth Argument "$0
echo "First Argument "$1
echo "Second Argument "$2
echo "Third Argument "$3
```

Output:

```
DELL@DESKTOP-5EAOM75 ~
 ./special.sh hello
./special.sh: line 2: $'\r': command not found
Zeroth Argument ./special.sh
First Argument hello
Second Argument
Third Argument
DELL@DESKTOP-5EAOM75 ~
$ ./special.sh hello iam
./special.sh: line 2: $'\r': command not found
Zeroth Argument ./special.sh
First Argument hello
Second Argument iam
Third Argument
DELL@DESKTOP-5EAOM75 ~
$ ./special.sh hello iam coder
./special.sh: line 2: $'\r': command not found
Zeroth Argument ./special.sh
First Argument hello
Second Argument iam
Third Argument coder
```

B. If els

```
DELL@DESKTOP-5EAOM75 ~

$ (
> echo "Enter a number"
> read num
> if test $num -gt 0
> then
> echo "Number is Positive"
> else
> echo "Number is Negative"
> fi
> )
Enter a number
-2
Number is Negative
```

C. Nested if else:

```
DELL@DESKTOP-5EAOM75 ~
> echo "Enter value for A"
> read a
> echo "Enter value for B"
> read b
> if test $a -eq $b
> then
> echo "Both are same"
> elif test $a -gt $b
> then
> echo "A is big number"
> else
> echo "B is big number"
> fi
> )
Enter value for A
Enter value for B
B is big number
```