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Operating Systems Lab: Class Assignment

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University of Engineering and Management, Kolkata

Q1. Write a shell script to print the reverse of a number.

## Output:

```
abhisheks008@LAPTOP-9RGGUF05:~$ vim assignment.sh
abhisheks008@LAPTOP-9RGGUF05:~$ ./assignment.sh
The number is : 123456
Reverse of this number is : 654321
```

Q2. Write a shell script to list all the files in the current directory which have the read, write and the execution properties.

## Output:

```
abhisheks008@LAPTOP-9RGGUF05:~$ vim assignment.sh
abhisheks008@LAPTOP-9RGGUF05:~$ ./assignment.sh
List of the files in the directory :
-rwxr-xr-x 1 abhisheks008 abhisheks008 258 Oct 4 15:13 assignment.sh
```

Q3. Write a shell script to check whether a number is prime or not.

## Output:

```
abhisheks008@LAPTOP-9RGGUF05:~$ vim assignment.sh abhisheks008@LAPTOP-9RGGUF05:~$ ./assignment.sh enter number
7
7 is a prime number.
abhisheks008@LAPTOP-9RGGUF05:~$ ./assignment.sh enter number
10
10 is not a prime number.
```

Q4. Write a shell script to find the occurrences of the words in a file.