



Practical Sheet 13 Shell Scripting

- Do the following tasks and take the screenshots relevant to the questions with the commands and results.
- Create a PDF file with the screenshots, rename it with your index number, and upload it to the submission link.

Eg: 21020345.pdf

1. Create a bash shell scripting file named "MyTestFile".
2. Give the permissions for above-mentioned file as follows
 - User - Read, write, execute permission
 - Group members - Read, execute permission
 - Other users - read, execute permission
3. Get a list of system variables.
4. Create the following variables inside the "MyTestFile" file.

```
- STR="Hello World"
- DEST_FOLDER="/home/bajazid/data/"
- DEST_FOLDER=/home/bajazid/data/
- MY_NUMBER=22
- SUM=$MY_NUMBER + 1
- NEW_FILE="test" + $SUM
- l_number=3
- _number1=3
```

5. Run the shell scripting file "MyTestFile" and see the output.

6. Create a bash shell scripting file named "MyTestFile_2".
7. Give the permissions for above-mentioned file as follows
 - User - Read,write, execute permission
 - Group members - Read, write, execute permission
 - Other users - read , write, execute permission
8. Inside the "MyTestFile_2" file write a command to acquire the user name with a text "What is your name?"
9. Add a command to the same file "MyTestFile_2" to display the acquiring name with a greeting. Ex: Hello , <name>
10. Run the shell scripting file "MyTestFile_2" and see the output.