Bhilai Institute of Technology, Durg

**Department of Computer Science & Engg.**

**Experiment Index**

Linux Lab

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| **Student’s Name** | **Branch & Semester** | **Class Roll No.** |
| **SHUBHAM ANNAD** | **CSE & 6th Sem** | **A33** |

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| **Experiment No.** | **Date** | **Aim of Experiment** | **Page No.** | **Signature** | **Remarks** |
| 01 |  | Write a shell script to demonstrate the values obtained by basic arithmetic operators. |  |  |  |
| 02 |  | Write a shell script to calculate simple interest and basic compound interest using bc command. |  |  |  |
| 03 |  | Write a shell script to convert distance given in kilometers into feet, yard and miles. |  |  |  |
| 04 |  | Write a shell script to convert temperature given in Fahrenheit into Celsius |  |  |  |
| 05 |  | Write a shell script to that inputs cost price and selling price of an item and prints whether it’s a loss or a profit or no loss or no profit.. |  |  |  |
| 06 |  | Write a shell script to enter marks of 5 subjects of a student and display the grade on bellow mentioned criterion |  |  |  |

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| 07 |  | Write a shell script to find greatest out of four numbers. |  |  |  |  |
| 08 |  | Write a shell script to check whether the entered character is an upper case, a lower case, digit or any special symbol. |  |  |  |  |
| 09 |  | Write a shell script to calculate sum of digits of a number  Write a program to find length of a list. |  |  |  |  |
| 10 |  | Write a shell script to print reverse of any number. |  |  |  |  |
| 11 |  | Write a shell script to print whether the number is palindrome or not. |  |  |  |  |
| 12 |  | Write a program to delete an item from the list. |  |  |  |  |
| 13 |  | Write a program to search an element on a list. |  |  |  |  |
| 14 |  | Write a program to find nth element on a list. |  |  |  |  |