American International University-Bangladesh

Operating Systems

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| OBE Evaluation for CO3 | | | | |
| ***Apply various shell commands and system calls to implement Shell Scripts for various fundamental task automation.*** | | | | |
| Evaluation Rubric | | | | |
| Student ID: 17-34705-2 | Problem Solution  (5) | Correctness  (5) | Efficiency  (5) | Total Obtained  Marks (15) |
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| Section: I |  |  |  |  |

Fall 2019-20

OBE Evaluation

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| 1. | Write a shell script that will take input of 2 numbers and performs arithmetic operation using function. The operation should also be input by the user.  echo "enter a and b"  read a  read b  echo "enter operation to be performed "  read op  case $op in  +) c='expr $a + $b';;  -) c='expr $a - $b';;  /) c='expr $a / $b';;  \\*) c='expr $a \\* $b';;  echo "no valid opt specified" ;;  esac  echo Result after operation on a and b is echo $c | 5 |
| 2. | Write a shell script to find out the length of an input string and output the string and length in a file.  Echo “ Enter a String”  Read st  Echo “${#st }is the length of your string” | 5 |
| 3. | Write a shell script to find out the sum of series 1+2+3+………….n, where n is input by the user.  Clear  Echo “ enter a value n”  Read n  I=1  Sum=0  While test $i-1e $n  Do  Sum= expr $sum + $i  I= expr $i+1  Done  Echo sum | 5 |