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:17-33458-1 | 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 two integers"  read a  read b  echo "Enter Choice :"  echo "Add"  echo "Sub"  echo "Mult"  echo "Div"  read ch    case $ch in  Add)res=$(( $a + $b ))  ;;  Sub)res=$(( $a - $b ))  ;;  Mult)res=$(( $a \* $b ))  ;;  Div)res=$(( $a / $b ))  ;;  esac  echo "Result : $res" | 5 |
| 2. | Write a shell script to find out the length of an input string and output the string and length in a file.  echo "Enter a String"  read str  len=${#str}  echo "$len"  echo $str > file.txt  echo $len >> file.txt | 5 |
| 3. | Write a shell script to find out the sum of series 1+2+3+………….n, where n is input by the user.  echo "Value of n"  read n  l=$(( $n + 1 ))  sum=$(( $n \* $l ))  sum2=$(( $sum / 2 ))  echo "$sum2" | 5 |