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 integer number"  read a  read b  add=$(($a + $b ))  sub=$(($a - $b ))  mult=$(($a \* $b ))  div=$(($a / $b ))  echo "Addition is: $add"  echo "Subtraction is: $sub"  echo "Multiplication is: $mult"  echo "Divition is: $div" | 5 |
| 2. | Write a shell script to find out the length of an input string and output the string and length in a file. | 5 |
| 3. | Write a shell script to find out the sum of series 1+2+3+………….n, where n is input by the user.  echo "Value of n"  read n  l=$(( $n + 1 ))  sum=$(( $n \* $l ))  sum2=$(( $sum / 2 ))  echo "$sum2" | 5 |