|  |  |
| --- | --- |
| #!/bin/bash |  |
|  |  |
|  | function Arithmetic() |
|  | { |
|  | read -p "Enter a Two Numbers: " num1 num2 |
|  | echo "$num1 $num2" |
|  |  |
|  | read -p "Choose operation: +,-,/,\* " choice |
|  |  |
|  | case $choice in |
|  | "+" ) |
|  | echo "$num1 + $num2=" |
|  | echo "$num1 + $num2" | bc ;; |
|  | "-" ) |
|  | echo "$num1 - $num2=" |
|  | echo "$num1 - $num2" | bc ;; |
|  | "\*" ) |
|  | echo "$num1 \* $num2=" |
|  | echo "$num1 \* $num2" | bc ;; |
|  | "/" ) |
|  | echo "$num1 / $num2=" |
|  | echo "scale=2;$num1 / $num2" | bc ;; |
|  | "%" ) |
|  | echo "$num1 % $num2=" |
|  | echo "scale=2;$num1 % $num2" | bc ;; |
|  | \* ) |
|  | echo "Wrong Choice!";; |
|  | esac |
|  |  |
|  | } |
|  |  |
|  |  |
|  |  |
|  | function VowelOrConsonant() |
|  | { |
|  | read -p "Enter a Character: " char |
|  | if [[ $char == \*[AEIOUaeiou]\* ]];then |
|  | echo "Vowel!" |
|  | else |
|  | echo "Consonant!" |
|  | fi |
|  | } |
|  |  |
|  |  |
|  | echo "1.Arithmetic operations" |
|  | echo "2.Vowel Or Consonant" |
|  | read -p "Enter choice: " ch |
|  |  |
|  | if [ $ch -eq 1 ];then |
|  | Arithmetic |
|  |  |
|  | elif [ $ch -eq 2 ];then |
|  |  |
|  | VowelOrConsonant |
|  |  |
|  | else |
|  | echo "Wrong Choice!" |
|  | fi |