## /\*Multiple Functions in Loop (22-01-19)\*/

#include <stdio.h>

#include <stdlib.h>

#include <conio.h>

void sum (int x, int y){

printf("Sum = %d\n\n", x+y);

}

void diff (int x, int y){

printf("Difference = %d\n\n", x-y);

}

void prod (int x, int y){

printf("Product = %d\n\n", x\*y);

}

void divi (int x, int y){

printf("Quotient = %d\n\n", x/y);

}

void main(){

printf("18BCAN024\n\n");

int choice, n1, n2;

printf("---------------------\n");

printf("\tMENU\n");

printf("---------------------\n");

printf("1. ADDITION\n2. SUBTRACTION\n3. MULTIPLICATION\n4. DIVISION\n5. EXIT \n\n");

while(1){

printf("Enter your choice: ");

scanf("%d", &choice);

switch (choice){

case 1:

printf("Enter 2 numbers: "); scanf("%d%d", &n1, &n2); sum (n1, n2); break;

case 2:

printf("Enter 2 numbers: "); scanf("%d%d", &n1, &n2); diff (n1, n2); break;

case 3:

printf("Enter 2 numbers: "); scanf("%d%d", &n1, &n2); prod (n1, n2); break;

case 4:

printf("Enter 2 numbers: "); scanf("%d%d", &n1, &n2); divi (n1, n2); break;

case 5: exit(0); break;

default: printf("Try Again!\n\n"); break;

}

}

getch();

}

