#include <stdio.h>  
  
void funcart() {  
 int n = 0, x, y, z;  
 while (n < 5) {  
 printf("\nEnter the choice: \n1. add \n2. subtract \n3. multiply \n4. divide \nother. EXIT \n>>>");  
 scanf(" %d", &n);  
 if (n < 5) {  
 printf("Enter numbers x and y where \nx+y\nx-y\nx\*y\nx/y\nEnter x\n");  
 scanf("%d", &x);  
 printf("Enter y\n");  
 scanf("%d", &y);  
 }  
 switch (n) {  
 case 1: {  
 printf("We are adding %d & %d\n", x, y);  
 z = x + y;  
 printf("Answer is = %d\n\n", z);  
 break;  
 }  
 case 2: {  
 printf("We are subtracting %d & %d\n", x, y);  
 z = x - y;  
 printf("Answer is = %d\n\n", z);  
 break;  
 }  
 case 3: {  
 printf("We are multiplying %d & %d\n", x, y);  
 z = x \* y;  
 printf("Answer is = %d\n\n", z);  
 break;  
 }  
 case 4: {  
 printf("We are dividing %d & %d\n", x, y);  
 z = x / y;  
 printf("Answer is = %d\n\n", z);  
 break;  
 }  
 }  
 }  
 printf("exiting program...");  
}