//Program for all arithmetic operations

#include <stdio.h>

int main()

{

int a,b;

printf("Enter two numbers : ");

scanf("%d%d", &a, &b);

int sum, diff, product, div1;

sum = a+b;

diff = a-b;

product = a\*b;

div1 = a/b;

float div2;

printf("Sum = %d\nDifference = %d\nProduct = %d\n%d/%d = %d",sum,diff,product,a,b,div1);

div2=(float)a/b;

printf("\n\n%d/%d = %f",a,b,div2);

}

//Program to compare 3 numbers :

#include <stdio.h>

int main()

{

int a,b,c;

printf("Enter 3 numbers : ");

scanf("%d%d%d", &a,&b,&c);

if(a>b && a>c)

{

printf("%d is greater than %d and %d",a,b,c);

}

else if(b>a && b>c)

{

printf("%d is greater than %d and %d",b,a,c);

}

else

{

printf("%d is greater than %d and %d",c,a,b);

}

}

//Program to check if a number is positive

#include<stdio.h>

int main()

{

int check;

printf("Enter a number : ");

scanf("%d", &check);

if (check>0)

{

printf("%d is a positive number", check);

}

else if(check==0) // == checks if LHS is equal to RHS

{

printf("Entered number is 0", check);

}

else

{

printf("%d is a negative number", check);

}

return 0;

}

//Program to check which number is greater

#include<stdio.h>

int main()

{

int num1,num2;

printf("Enter two numbers : ");

scanf("%d%d", &num1, &num2);

if (num1>num2)

{

printf("%d is greater than %d", num1,num2);

}

else

{

printf("%d is greater than %d", num2,num1);

}

return 0;

}

//Format specifiers

#include<stdio.h>

int main()

{

int a=8;

float b=92.1;

char c = 'k';

printf("Value of a is %d",a);

printf("\nValue of b is %f",b);

printf("\nValue of c is %c",c);

return 0;

}