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#include<stdio.h>
int main()
{
    int c,a,b,i;
    while(1)
    {
        printf("PRESS THE NUMBER TO CHOOSE THE OPERATION :\n");
        printf("1) Add\n");
        printf("2) Subtract\n");
        printf("3) Multiply\n");
        printf("4) Divide\n");
        printf("5) Modulus\n");
        printf("6) Greater than\n");
        printf("7) Lesser than\n");
        printf("8) Equal to\n");
        printf("9) Not equal to\n");
        printf("10) Increment\n");
        scanf("%d",&i);
        printf("Enter two numbers to perform the selected operation\n");
        scanf("%d%d",&a,&b);
        switch(i)
        {
            case 1:
                printf("%d + %d = %d \n",a,b,a+b);
                break;

            case 2:
                printf("%d - %d = %d \n",a,b,a-b);
                break;

            case 3:
                printf("%d x %d = %d \n",a,b,a*b);
                break;

            case 4:
                printf("%d / %d = %d \n",a,b,a/b);
                break;
        }
    }
}

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case 5:
printf("%d mod %d = %d \n",a,b,a%b);
break;

case 6:
if(a>b)
{
    printf("%d > %d \n",a,b);
}
else
{
    printf("%d > %d \n",b,a);
}
break;

case 7:
if(a<b)
{
    printf("%d < %d \n",a,b);
}
else
{
    printf("%d < %d \n",b,a);
}
break;

case 8:
if(a==b)
{
    printf("%d = %d \n",a,b);
}
else
{
    printf("%d != %d \n",b,a);
}
break;

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    }
    else
    {
        printf("%d != %d \n",b,a);
    }
    break;

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case 9:
if(a!=b)
{
    printf("%d != %d \n",a,b);
}
else
{
    printf("%d = %d \n",b,a);
}
break;

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case 10:
printf("%d++ = %d \n",a,a+1);
printf("%d++ = %d \n",b,b+1);
break;

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default:
printf("WRONG INPUT!\n");

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printf("Press 1 to perform calculation again\n");
scanf("%d",&c);

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if(c!=1)
{
    break;
}

```

PRESS THE NUMBER TO CHOOSE THE OPERATION :

- 1) Add
- 2) Subtract
- 3) Multiply
- 4) Divide
- 5) Modulus
- 6) Greater than
- 7) Lesser than
- 8) Equal to
- 9) Not equal to
- 10) Increment

2

Enter two numbers to perform the selected operation:

2

3

2 - 3 = -1

Press 1 to perform calculation again

Press any other key to exit

1

PRESS THE NUMBER TO CHOOSE THE OPERATION :

- 1) Add
- 2) Subtract
- 3) Multiply
- 4) Divide

```

#include <stdio.h>
int sumaver(int a,int b)
{
    int sum;
    sum=a+b;
    printf("Sum= %d \n",sum);
    return sum/2;
}
void printeven(int a,int b)
{
    int small,big;
    if(a>b)
    {
        small=b;
        big=a;
    }
    else
    {
        small=a;
        big=b;
    }
    printf("Even numbers between two numbers are:\n");
    int i;
    for(i=small+1;i<big;i++)
    {
        if(i%2==0)
        printf("%d \n",i); }
}
int main() {
    int a,b,c,avg,g1,g2;
    printf("Enter three numbers:\n");
    scanf("%d%d%d",&a,&b,&c);
    if(c<a && c<b)
    {
        g1=a;
        g2=b;
    }
    else if(b<a && b<c)

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}
else
{
    small=a;
    big=b;
}
printf("Even numbers between two numbers are:\n");
int i;
for(i=small+1;i<big;i++)
{
    if(i%2==0)
printf("%d \n",i); }
}

int main() {
int a,b,c,avg,g1,g2;
printf("Enter three numbers:\n");
scanf("%d%d%d",&a,&b,&c);
if(c<a && c<b)
{
    g1=a;
    g2=b;
}
else if(b<a && b<c)
{
    g1=a;
    g2=c;
}
else
{
    g1=b;
    g2=c;
}
avg=sumaver(g1,g2);

printf("Average of two numbers is : %d \n",avg);
prnteven(g1,g2);
}

```

Enter three numbers:

1

4

7

Sum= 11

Average of two numbers is : 5

Even numbers between two numbers are:

6

...Program finished with exit code 0

Press ENTER to exit console.