

1) #include <stdio.h>

int main( )

{

int a, b, s, n;

n=1;

while (n==1)

{

printf("enter 2 numbers :");

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

printf("enter 1- addition 2- subtraction 3- multiplication  
4- remainder 5- quotient 6- greater than or  
equal 7- less than or equal 8- greater than  
9- less than 10- equals.");

scanf("%d", &s);

switch (s)

{

case 1:

printf("%d + %d = %d", a, b, a+b);

break;

case 2:

printf("%d - %d = %d", a, b, a-b);

break;

case 3:

printf("%d \* %d = %d", a, b, a\*b);

break;

case 4:

printf("%d / %d = %d", a, b, a/b);



break;

case 5:

```
printf("%d / %d = %d", a, b, a/b);
```

break;

case 6:

```
if (a >= b)
```

```
printf("true");
```

else

```
printf("false");
```

break;

case 7:

```
if (a <= b)
```

```
printf("true");
```

else

```
printf("false");
```

break;

case 8:

```
if (a > b)
```

```
printf("true");
```

else

```
printf("false");
```

break;

case 9:

```
if (a < b)
```

```
printf("true");
```

else

```
printf("false");
```

break;



case 10:

```
if (a == b)
```

```
    printf("true");
```

```
else
```

```
    printf("false");
```

```
break;
```

```
default:
```

```
    printf("invalid input");
```

```
}  
    printf("enter 1 to continue 0 to exit");
```

```
{  
    scanf("%d", &n);
```

```
}  
    return 0;
```

```
}
```