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nts n1.c x

```
1 #include<stdio.h>
2 #include<math.h>
3 void main()
4 {
5     int a,b,c=11;
6     printf("enter the first number\n");
7     scanf("%d",&a);
8     printf("enter the second number\n");
9     scanf("%d",&b);
10    while(c!=0)
11    {
12        printf("enter the choice\n");
13        printf("1-addition \n 2-substraction \n 3-mutiplication \n 4-division");
14        printf("5-greatest of nos \n 6-smallest of nos \n 7-if equal \n 8-not equal \n 9-modulus \n 10-power\n");
15        scanf("%d",&c);
16        switch(c)
17        {
18            case 1: ;
19                int s=a+b;
20                printf("%d",s);
21                break;
22            case 2: ;
23                int su=a-b;
24                printf("%d",su);
25                break;
26            case 3: ;
27                int m=a*b;
28                printf("%d",m);
29                break;
30            case 4: ;
31                int d=a/b;
32                printf("%d",d);
33                break;
34            case 5:
```

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case 5:
    if(a>b)
        printf("%d",a);
    else
        printf("%d",b);
    break;
case 6:
    if(a<b)
        printf("%d",a);
    else
        printf("%d",b);
    break;
case 7:
    if(a==b)
        printf("numbers r equal\n");
    break;
case 8:
    if(a!=b)
        printf("numbers r not equal\n");
    break;
case 9: ;
    int r=a%b;
    printf("%d",r);
    break;
case 10: ;
    int p= pow(a,b);
    printf("%d",p);
    break;
case 11:
    printf("thank you");
    break;
default ;
    printf("enter the correct choice\n");
}

```

```
case 7:
    if(a==b)
        printf("numbers r equal\n");
    break;
case 8:
    if(a!=b)
        printf("numbers r not equal\n");
    break;
case 9: ;
    int r=a%b;
    printf("%d",r);
    break;
case 10: ;
    int p= pow(a,b);
    printf("%d",p);
    break;
case 11:
    printf("thank you");
    break;
default :
    printf("enter the correct choice\n");
}
```

```
}
```

```
I
```

C:\WINDOWS\SYSTEM32\cmd.exe

enter the first number

5

enter the second number

7

enter the choice

1-addition

2-substraction

3-mutiplication

4-division5-greatest of nos

6-smallest of nos

7-if equal

8-not equal

9-modulus

10-power

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35

enter the choice

1-addition

2-substraction

3-mutiplication

4-division5-greatest of nos

6-smallest of nos

7-if equal

8-not equal

9-modulus

10-power

0]Exit0

thank you