```c
//*switch & case*//
#include<stdio.h>
int main()
{
        int x,y,ch,a,b,c,d;
        printf("enter two integer values\n");
        scanf("%d%d",&x,&y);

        printf("1.addition\n2.subtraction\n3.multiplication\n4.division\n");
        scanf("%d",&ch);
        switch(ch)
        {
                case 1:a=x+y;
                 printf("result:%d",a);
                 break;
                case 2:b=x-y;
                 printf("result:%d",b);
                 break;
                case 3:c=x*y;
                 printf("result:%d",c);
                 break;
                case 4:d=x/y;
                 printf("result:%d",d);
                 break;
                defult:
                 printf("invalid no");

        }
        return 0;
}
```

```
C:\Users\HP\OneDrive\Documents\switch & case.exe

enter two integer values
10
2
1.addition
2.subtraction
3.multiplication
4.division
3
result:20
-------------------------------
Process exited after 5.992 seconds with return value 0
Press any key to continue . . .
```